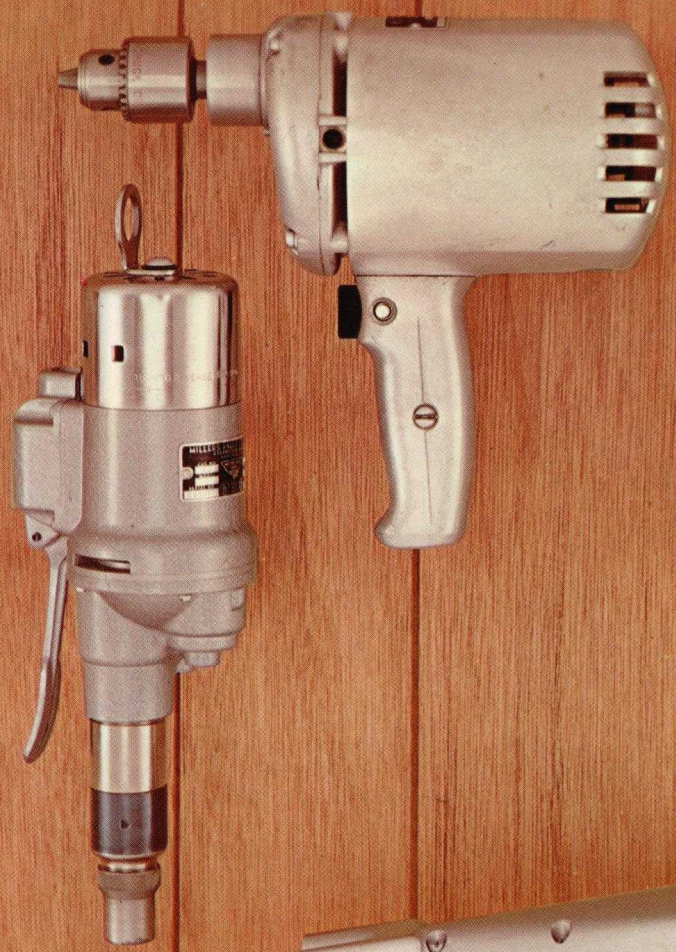
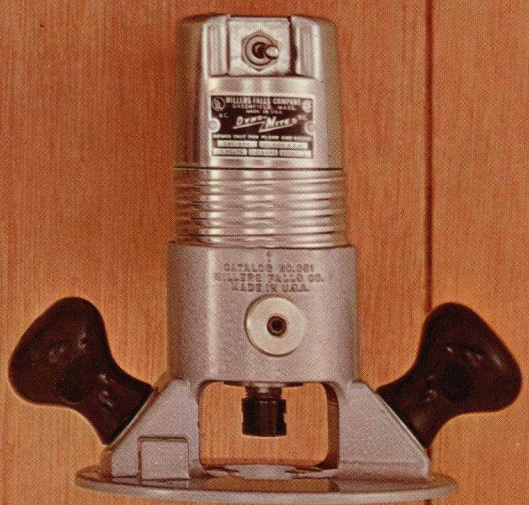
MILLERS FALLS TOOLS
SINCE 1868 ®

ELECTRIC TOOLS

MILLERS FALLS COMPANY
Greenfield, Massachusetts, U.S.A.





IMPORTANT INFORMATION

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SPECIFICATIONS

Standard specifications for each tool appear in this catalog. No deviations will be made unless difficulty is met in procuring certain materials, or improvements in construction and finishes are made.

VOLTAGE SPECIFICATIONS

1 All Millers Falls electric tools will be furnished with motors for operation on 115 volt current unless otherwise specified in your order.

2 In this catalog, available voltages are listed with each individual tool. If the listing includes the following reference **(Also see page 2)** it means that the particular tool is available with 115 volt and 230 volt motors from stock — and with 125 volt and 250 volt motors on special order. Information about other voltages may be obtained from the Industrial Sales Division, Millers Falls Company, 57 Wells Street, Greenfield, Mass.

3 Tools labeled for voltages shown below will operate on the following voltage ranges:

115 volt — Range 110 to 120 V
125 volt — Range 120 to 130 V
230 volt — Range 210 to 230 V
250 volt — Range 235 to 250 V
230-250 volt — Range 220 to 250 V

WARRANTY

Every tool stamped with the Millers Falls name is warranted free from imperfections and defects in material or workmanship. Our obligation under this warranty is expressly limited to the following: If any tool proves to be imperfect or defective under conditions of normal use, we agree to repair or replace the tool, if immediately returned to our factory at Greenfield, Massachusetts, transportation charges prepaid. Under no circumstances, however, do we assume responsibility for breakage where flaws do not appear or for tools which have suffered from abusive treatment or which have been stamped with the owner's name, changed or experimented upon. No dealer is authorized to make replacements for us. This warranty is made in lieu of all other warranties, expressed or implied, and all other obligations on our part. We neither assume nor authorize any agent or other person to assume for us any further liability in connection with the sale of our tools.

PARTS, REPAIRS, RETURNED GOODS

The Millers Falls Company maintains a nationwide network of Authorized Service Stations for the convenience of our electric tool users. Consult the map and listing at the back of this catalog to locate the Authorized Service Station nearest to you.

When sending a tool to an Authorized Service Station or to the factory for repairs or adjustment under warranty, pack the *complete* tool carefully, identify it with a tag showing your name and address, prepay the shipping charges and write a covering letter explaining fully just what you want done. Please indicate whether or not you wish a repair quotation before any work is done. Assuming that you have prepaid incoming shipping charges, tools repaired under warranty will be returned to you with shipping charges prepaid.

MILLERS FALLS COMPANY • GREENFIELD, MASSACHUSETTS, U.S.A.

DISTRICT OFFICES

ATLANTA OFFICE
1064 W. Peachtree Street, N.W.

CHICAGO OFFICE
612 W. Randolph Street

LOS ANGELES OFFICE
5224 E. Washington Blvd.

NEW YORK OFFICE
28 Warren Street

DALLAS OFFICE
1351 Crampton Street

CLEVELAND OFFICE
1823 Brookpark Road

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The inside story of Millers Falls quality

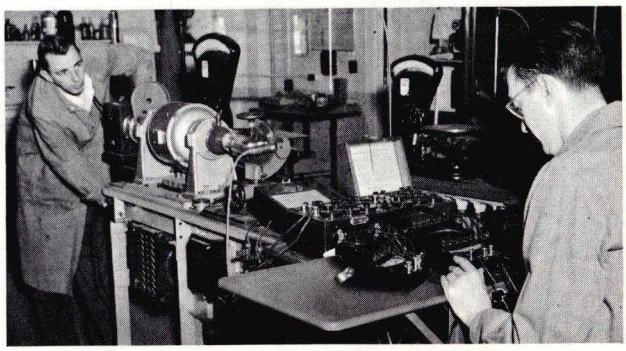
On this and the following page we've arranged a picture tour of Millers Falls. Join us and see for yourself a few of the many, many ways in which we try to assure you of the utmost in quality and performance when you buy a Millers Falls electric tool.

For over 90 years, Millers Falls has built its reputation on making tools of outstanding value — tools that can always be counted on to do everything expected of them, and a bit more besides.

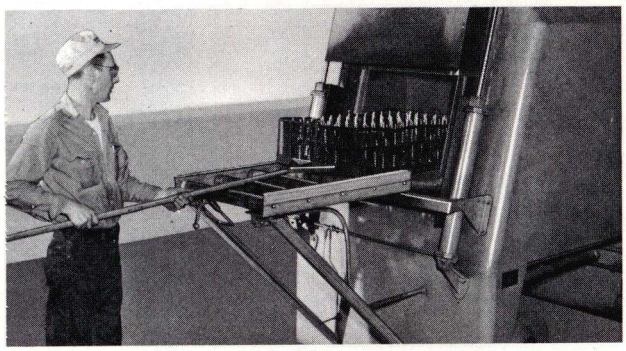
Nor is this reputation confined to the United States alone. Since 1870, Millers Falls tools have been exported in large quantities. Today, more than 80 overseas sales representatives operate in better than 70 foreign markets.

The most modern methods, machines, materials — they're all part of the formula that spells quality at Millers Falls. But more important still are the men of skill and ingenuity and integrity who design and produce Millers Falls tools with one constant goal in mind — to make the finest tools for home and industry that money can buy.

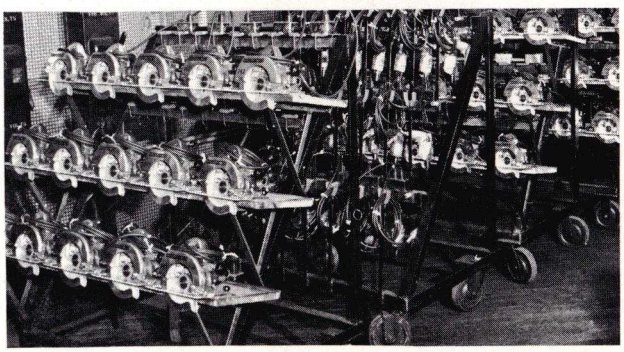
MILLERS FALLS TOOLS
SINCE 1868 ®



QUALITY THROUGH RESEARCH at Millers Falls stems first of all from painstaking development in a modern, well-equipped research and testing laboratory. Everything that is basic to high performance, from original design idea to final assembly detail, is minutely examined for rigid adherence to exacting standards.



QUALITY IN MANUFACTURING at Millers Falls depends on the use of modern scientifically controlled processes at every key operation for consistently high quality production. This new electronic furnace for exactly correct heat treating of parts assures the longest possible life with least wear in every MF electric tool.

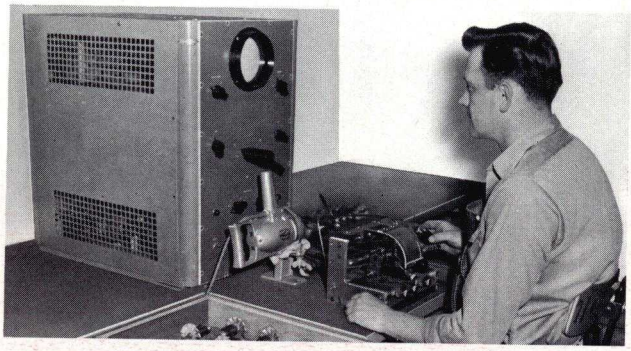


QUALITY THROUGH TESTING at Millers Falls includes a rigorous performance-proving "run-in" for each tool. On the racks shown above, each unit undergoes a complete hour's operation at half voltage and a second hour at full voltage. Nothing is left to chance. Every Millers Falls tool must prove itself beyond doubt.

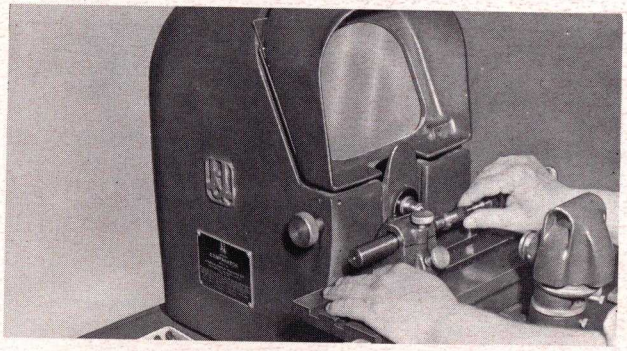
QUALITY THROUGH CLOSE-TOLERANCE GAUGING. Perfect, true-running shafts are the secret of smooth, vibrationless operation and long life in an electric tool. This multiple diameter air gauge checks dimensions and roundness with great accuracy — makes sure that every Millers Falls tool meets precision specifications.

QUALITY THROUGH DYNAMIC BALANCING of every Millers Falls motor means trouble-free tool use to the buyer. Each armature and fan is electronically "weighed" until the balance is precisely correct in two different planes. The high speeds at which today's electric tools run make this feature absolutely essential.

QUALITY THROUGH PRECISION HEAT TREATING results in longer service life for Millers Falls electric tools. Precise, selective hardness gives greater strength to gear teeth, shafts and pinions. Induction hardening with high frequency current is the modern, electronic method used to obtain this selective uniform hardness.

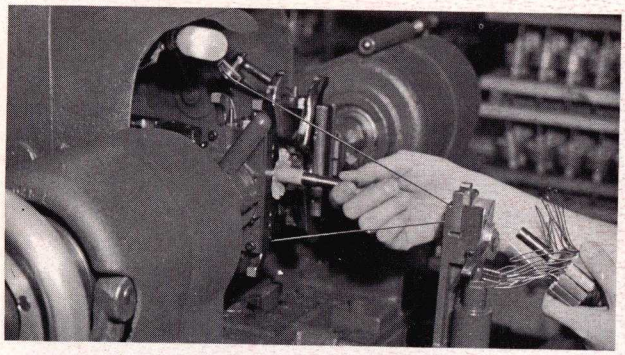


QUALITY THROUGH ELECTRONICS is applied here by the "Surge Tester". Powerful surges of high voltage, high frequency current are pulsed through a tool revealing a complete X-Ray of its electrical condition on an oscilloscope. This must conform exactly to a known quality plot on the screen to meet MF high standards.

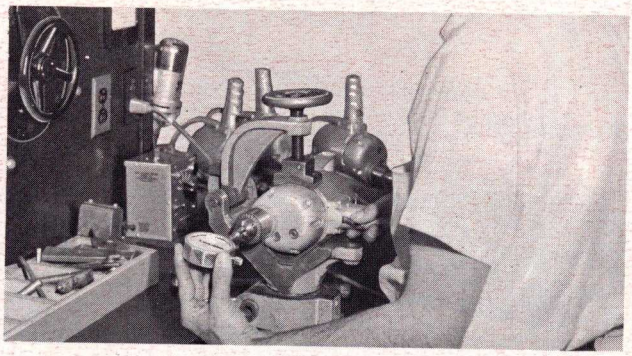


QUALITY THROUGH DIMENSIONAL ACCURACY guarantees exact fitting of all related parts in the finished tool. In this quality control operation—shafts, threads, gear tooth forms, etc., are projected on a comparator screen, and the enlarged contour is measured against a previously outlined "perfect" master profile.

QUALITY THROUGH APPLICATION ANALYSES accounts for tools designed right to do the specific job right. Extensive field surveys verified by exhaustive laboratory tests reveal important design criteria for each tool. Specifications are then geared to meet the needs of today and the anticipated requirements of tomorrow.



QUALITY THROUGH MODERN METHODS. No electric motor is better than its armature. To make sure Millers Falls tools will stand up under severest usage, the latest technological developments are employed. Here an automatic winding machine produces armatures with amazing speed, accuracy and uniformity.

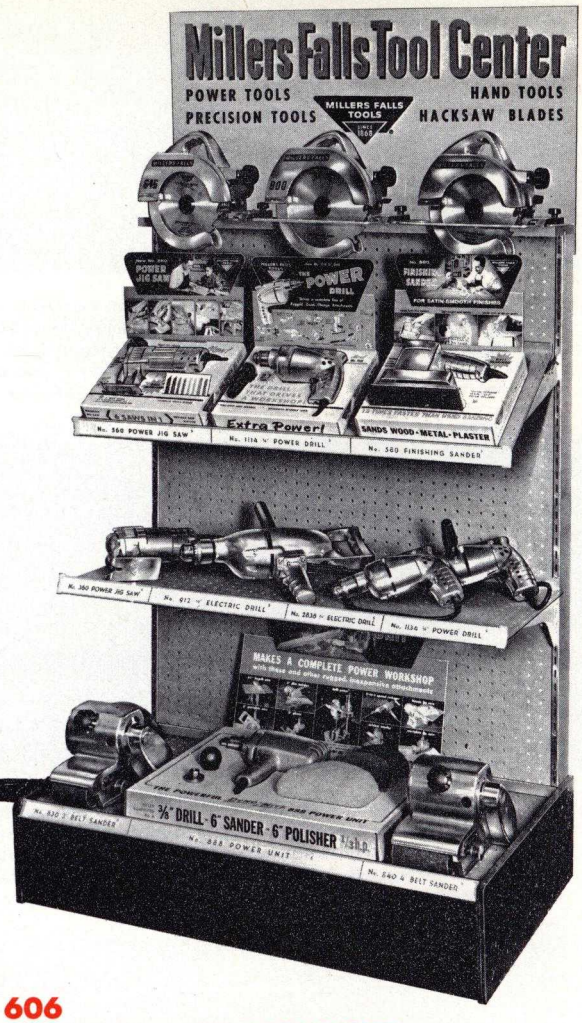


QUALITY THROUGH FINAL INSPECTION provides additional assurance of a perfect running electric tool, and includes a complete re-examination of every electrical, mechanical and physical feature. This recheck includes detailed readings on voltage, amperage and speed ratings, and run-out and lock-torque tests.

Here's eye-appeal and buy-appeal

Compact, colorful and eye-catching, these handsome displays take advantage of the latest techniques in today's trend to self-service merchandising.

Easy to look at . . . easy to sell from . . . easy to buy from, Millers Falls merchandisers help buyers locate items and check product features and uses. For store owners they furnish convenient stocking units which do a major selling job by themselves.



NO. 2700
"QUIK-CUT" HOLE SAW MERCHANDISER

Striking "porthole" design. Stocks 24 "Quik-Cut" Hole Saws and 4 Mandrels. Display free.

NO. 4060
"QUIK-BIT" MERCHANDISER

Wire rack for pegboard holds 10 each of 6 sizes of "Quik-Bits". Display free.

NO. 606
ELECTRIC TOOL MERCHANDISER

Build your power tool department around this attractive Millers Falls Tool Center. The colorful 3-foot permanent store fixture has four shelves that display the following assortment of top turnover tools:

No. 646 6-1/2" Saw	No. 840 4" Belt Sander
No. 747 7-1/4" Saw	No. 888 Power Unit
No. 800 8-1/4" Saw	No. 580 Finish Sander
No. 360 Sabre Saw	No. 1134 1/4" Drill
No. 560 Sabre Saw	No. 2838 3/8" Drill
No. 830 3" Belt Sander	No. 912 1/2" Drill
No. 1114 1/4" Power Drill	

Standard NRHA-approved Streater store fixture free through bonus merchandise.

NO. RB-44
ROUTER BIT MERCHANDISER

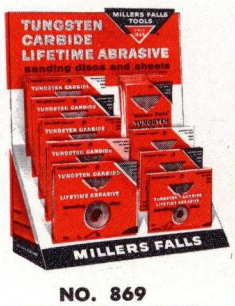
Assortment of 17 fastest-selling router bits. M-2 high speed steel. Metal cabinet with plastic drawers. Display free.

NO. 8002
POWER BIT MERCHANDISER

Rugged hardboard panel with strong wire legs. Each bit in attractive vinyl sleeve. Display free.

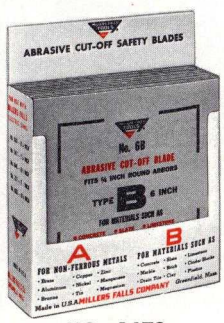
NO. 8380
HEAVY DUTY POWER BIT MERCHANDISER

Hard maple demonstration block dramatizes tremendous cutting power of bits' high speed steel blades. Display free.



NO. 869
TUNGSTEN CARBIDE MERCHANDISER

Assortment of 33 Tungsten Carbide Sanding Sheets and Discs in individual sleeves. Display free.

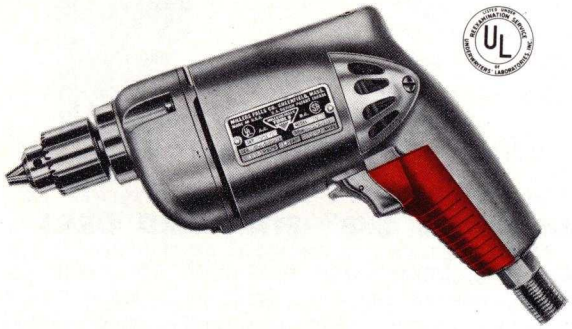


NO. 1678
ABRASIVE DISC MERCHANDISER

Complete assortment of 12 blades to fit all standard saws. Display free.

heavy duty and standard duty drills

PISTOL GRIP DRILLS



NO. 220 SERIES 1/4", 5/16", AND 3/8" DRILLS

These outstanding heavy duty drills have won wide popularity as highly efficient, dependable production tools because of their power and versatility. In every way, they are quality tools designed and built for rugged, continuous duty.

Lightweight and compact, they can be used for long periods without operator fatigue. Models are available in a wide variety of speeds and capacities to meet the requirements of practically any applications.

Recently, this industry-proved line of drills has been expanded with an important new model, the No. 255, specially designed for aircraft production. Equipped with a 3/8" chuck and geared down to 700 RPM, it has exceptional high-torque characteristics.

No. 220 at 1900 RPM is ideal for general service in steel. The high speed models Nos. 225, 230 and 235 excel for drilling small-diameter holes with minimum burr in non-ferrous metals. The slower-speed, high-torque models Nos. 240, 245, 250 and 255 are recommended for drilling stainless steel and other hard alloys up to 1/4" and non-ferrous metals to full chuck capacities.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.7 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball and needle throughout. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, with lock and automatic trigger release. **CHUCK:** Geared key chuck is standard. For applications where drill bits are changed frequently, keyless chuck is available at extra cost. **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug.

Catalog Number	Chuck	Capacity Steel	Capacity Non-Ferrous	No Load Speed RPM	Overall Length	Net Weight (without cord)	Shipping Weight
220	1/4"	1/4"	1/4"	1900	9"	3-1/4 lbs.	4-7/8 lbs.
225	1/4"	3/16"	1/4"	3000	9"	3-1/4 lbs.	4-7/8 lbs.
230	1/4"	5/32"	1/4"	4500	9"	3-1/4 lbs.	4-7/8 lbs.
235	1/4"	1/8"	1/4"	5500	9"	3-1/4 lbs.	4-7/8 lbs.
240	5/16"	5/16"	5/16"	1000	9-5/8"	3-5/8 lbs.	5-1/4 lbs.
245	5/16"	5/16"	5/16"	700	9-5/8"	3-5/8 lbs.	5-1/4 lbs.
250	3/8"	5/16"	3/8"	1000	10-1/8"	4-1/4 lbs.	5-7/8 lbs.
255	3/8"	5/16"	3/8"	700	10-1/8"	4-1/4 lbs.	5-7/8 lbs.

Packed 1 in a box.

See page 16 for Right-Angle Drive and other Drill Accessories.

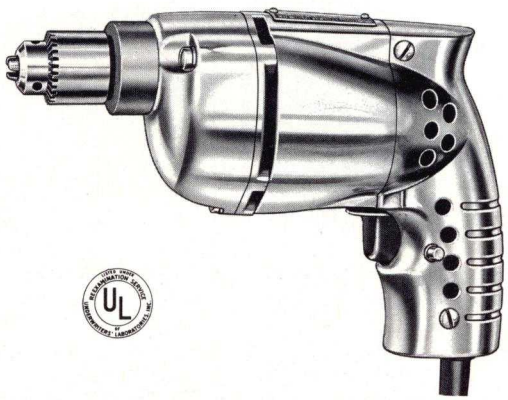
LIGHT WEIGHT combined with exceptional power and compact size make the No. 220 Drill a great favorite with maintenance men as well as with production workers. It has full 1/4" capacity in both steel and non-ferrous metals. It is shown here with a No. 1090 Right-Angle Drive biting through the tough cast iron of a lathe bed.

NO. 1234 1/4" STANDARD DRILL

This drill is ideal for use with flat bits in wood and for general service in steel. Geared to 2250 rpm and rated at 2.7 amps., it has plenty of torque to drive a complete line of attachments including the new Quik-Change Models shown on pages 18 and 19.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.7 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Satin. **BEARINGS:** Ball and needle throughout. **GEARS:** Hardened alloy steel. **SWITCH:** Single pole with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 1/4" in steel. **NO LOAD SPEED:** 2250 RPM. **NET WEIGHT:** 3-1/8 lbs. **OVERALL LENGTH:** 8-1/2". **CORD:** 7 feet, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 4-1/4 lbs.

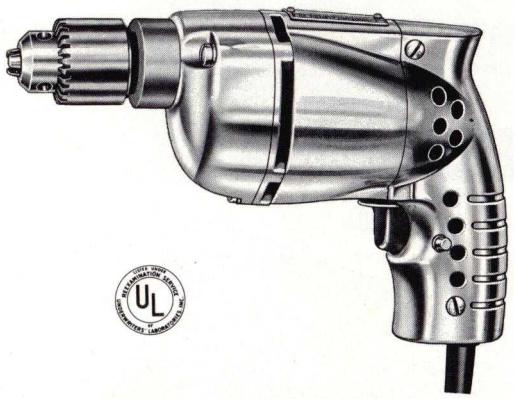


NO. 2434 1/4" STANDARD DRILL

This drill has power-plus for general service in steels. Double gear reduction for high-torque 1/4" drilling in sheet metal, structural steel and most harder metals . . . a must for body shops, garages and contractors. Convenient trigger switch with lock and automatic release housed in pistol grip.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Satin. **BEARINGS:** Ball bearing armature and spindle. **GEARS:** Hardened alloy steel. **SWITCH:** Single pole with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 1/4" in steel. **NO LOAD SPEED:** 1800 RPM. **NET WEIGHT:** 3 lbs. **OVERALL LENGTH:** 8-9/16". **CORD:** 7 feet, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 4-1/4 lbs.



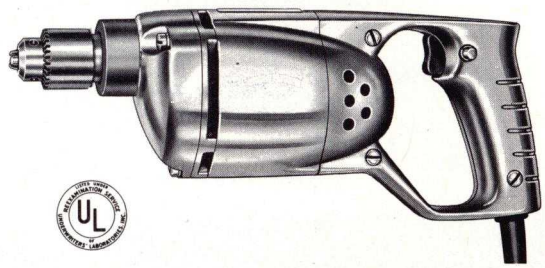
NO. 2438 3/8" STANDARD DRILL

Compact, hand-fitting drill with the extra capacity needed for 3/8" drilling in steel or for operating small hole saws and carbide-tipped masonry drills. An excellent tool for aircraft production, it has double gear reduction for high-torque 3/8" drilling. Full 2.5 amp. industrial rating.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Satin. **BEARINGS:** Ball bearing armature and spindle. **GEARS:** Hardened alloy steel. **SWITCH:** Single pole with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 3/8" in steel. **NO LOAD SPEED:** 1000 RPM. **NET WEIGHT:** 3-1/8 lbs. **OVERALL LENGTH:** 8-7/8". **CORD:** 7 feet, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 4-1/8 lbs.

SAW GRIP DRILLS



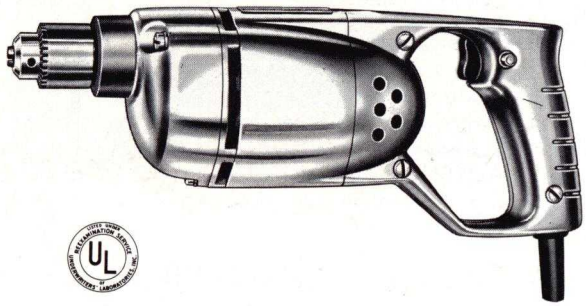
NO. 1235 1/4" STANDARD DRILL

All the advantages of straight-line operating thrust provided by saw-grip design, plus the same power-packed capacity of the No. 1234. Drives wire brushes and hole saws . . . drills small diameter holes in non-ferrous metals with minimum burr. Lightweight and perfectly balanced.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.7 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Satin. **BEARINGS:** Ball and needle throughout. **GEARS:** Hardened alloy steel. **SWITCH:** Single pole with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 1/4" in steel. **NO LOAD SPEED:** 2250 RPM. **NET WEIGHT:** 3-1/4 lbs. **OVERALL LENGTH:** 11-1/4". **CORD:** 7 feet, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 4-1/2 lbs.

See page 21 for Drill Stands — page 25 for other Accessories

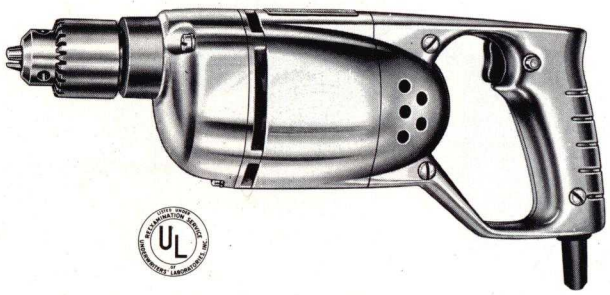


NO. 2435 1/4" STANDARD DRILL

The saw-grip version of No. 2434, this ball-bearing drill has hundreds of uses for mechanics, maintenance men, installation men, servicemen, repairmen. Its 1800 rpm is the preferred speed for 1/4" drilling in steel. Husky "Millers Falls Built" motor has plenty of power for continuous duty operation.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Satin. **BEARINGS:** Ball bearing armature and spindle. **GEARS:** Hardened alloy steel. **SWITCH:** Single pole with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 1/4" in steel. **NO LOAD SPEED:** 1800 RPM. **NET WEIGHT:** 3-1/8 lbs. **OVERALL LENGTH:** 11-5/16". **CORD:** 7 feet, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 4-3/8 lbs.



NO. 2538 3/8" STANDARD DRILL

Powerful and efficient, this 3/8" drill is recommended for almost all maintenance and repair operations as well as continuous duty on production jobs. Excellent for drilling stainless steel, monel metal and other hard alloy steels up to 1/4" and milder steels up to 3/8". Wire brushed "satin" finish.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Satin. **BEARINGS:** Ball bearing armature and spindle. **GEARS:** Hardened alloy steel. **SWITCH:** Single pole with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 3/8" in steel. **NO LOAD SPEED:** 1000 RPM. **NET WEIGHT:** 3-1/4 lbs. **OVERALL LENGTH:** 11-5/8". **CORD:** 7 feet, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 4-1/2 lbs.

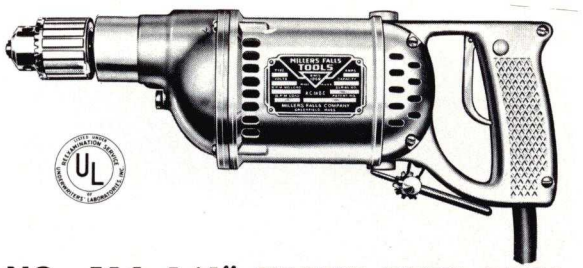
See page 21 for Drill Press Stands — page 25 for other Accessories

NO. 414 1/4" STANDARD DRILL

The No. 414 1/4" Standard Drill has been accepted as the "standard of performance" for difficult applications. One of the first drills made by Millers Falls for industry, it has proved its versatility and durability time and again. Through the years, it has required only minor modifications to safeguard its well-deserved reputation. For maintenance and installation men, for mechanics and repair men, it is an ideal combination of solid quality and reasonable price.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, with lock and automatic trigger release. **CHUCK:** Geared key chuck is standard. For applications where drill bits are changed frequently, keyless chuck is available at extra cost. **CAPACITY:** 1/4" in steel. **NO LOAD SPEED:** Standard, 1800 RPM; Special, 3000 RPM. **NET WEIGHT:** 5-3/8 lbs. **OVERALL LENGTH:** 12". **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug.

Packed 1 in a box. Shipping weight: 7-1/8 lbs.



NO. 514 1/4" HEAVY DUTY DRILL

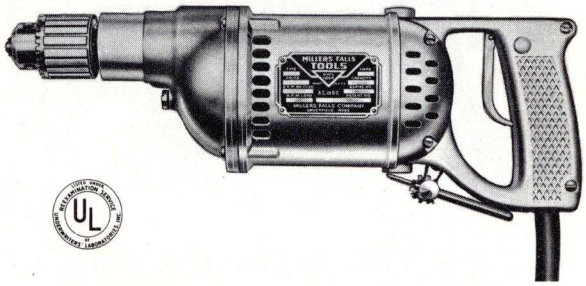
For many years, users have depended on the No. 514 for top performance on practically all production work in both steel and non-ferrous metals.

Ruggedly engineered and solidly built, the No. 514 is equipped with precision ball bearing armature and spindle, and designed for continuous operation under the most severe conditions.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 3.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature and spindle. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, with lock and automatic trigger release. **CHUCK:** Geared key chuck is standard. For applications where drill bits are frequently changed, keyless chuck is available at extra cost. **CAPACITY:** 1/4" in steel. **NO LOAD SPEED:** Standard, 2000 RPM; Special, 1000, 1500 or 3000 RPM. **NET WEIGHT:** 6-7/8 lbs. **OVERALL LENGTH:** 14". **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug.

Packed 1 in a box Shipping weight: 8-3/8 lbs.

See pages 15 and 16 for Drill Press Stand, Right-Angle Drive, and other Drill Accessories

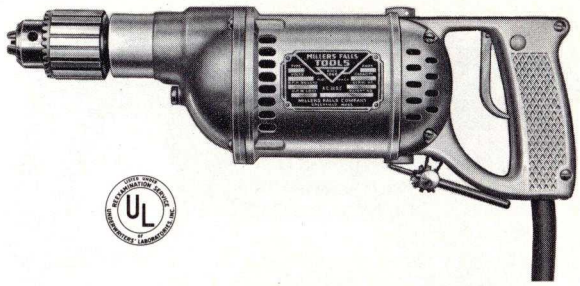


NO. 516 5/16" HEAVY DUTY DRILL

This heavy duty ball bearing drill is beautifully engineered throughout and built to operate continuously at its full rated capacity. It's a natural choice for sheet metal or body shops, garages, contractors, and for structural work and similar applications. Saw grip makes it easy to apply strong pressure directly in line with the work. Convenient trigger switch can be locked for continuous operation.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 3.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature and spindle. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, with lock and automatic trigger release. **CHUCK:** Geared key chuck is standard. For applications where drill bits are changed frequently, keyless chuck is available at extra cost. **CAPACITY:** 5/16" in steel. **NO LOAD SPEED:** Standard, 1500 RPM; Special, 2000 RPM. **NET WEIGHT:** 7 lbs. **OVERALL LENGTH:** 13-5/8". **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug.

Packed 1 in a box. Shipping weight: 8-1/2 lbs.

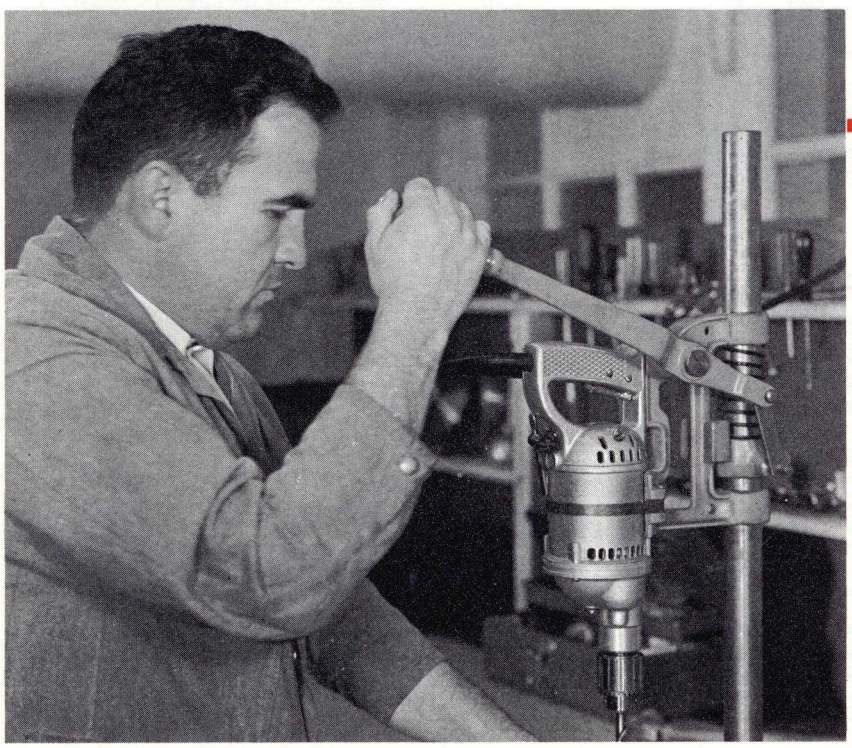


NO. 638 3/8" STANDARD DRILL

Light in weight . . . powerful and efficient, this 3/8" drill will easily tackle 90% of most maintenance and repair operations. Well ventilated for cool running, and with ball bearing armature and spindle for smooth, steady output, it can be used on a continuous basis without stalling or overheating. Comfortable saw grip has an easy-to-operate trigger switch that can be locked when needed.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 3.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature and spindle. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, with lock and automatic trigger release. **CHUCK:** Geared key chuck is standard. For applications where drill bits are changed frequently, keyless chuck is available at extra cost. **CAPACITY:** 3/8" in steel. **NO LOAD SPEED:** Standard, 1000 RPM; Special, 1500 RPM. **NET WEIGHT:** 7-5/8 lbs. **OVERALL LENGTH:** 14-3/16". **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug.

Packed 1 in a box. Shipping weight: 9-1/8 lbs.



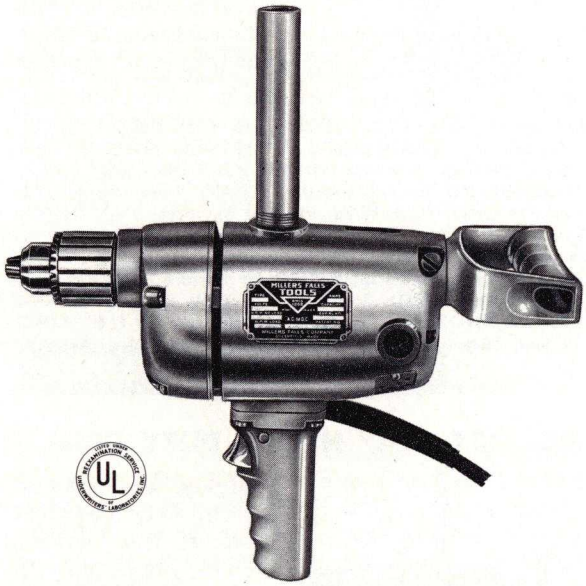
VERSATILE. On the job or on the bench, the No. 638 does double duty when coupled with the No. 1514 Drill Press Stand (see page 15). In a matter of seconds, the drill can be mounted and lined up with perfect accuracy on this sturdy, well designed stand. Powerful leverage makes it easy to apply all the pressure needed for drilling 3/8" holes in steel with speed and efficiency. Switch lock on drill permits continuous operation. For maintenance and repair work, stand may be carried right to the job — or it may be bolted down for a permanent bench installation. In addition to use with the No. 638, stand also fits the Nos. 414, 514 and 516 Drills.

See pages 15 and 16 for Drill Press Stand, Right-Angle Drive, and other Drill Accessories.

CLOSE COUPLED DRILLS

Here are the perfect answers to the rapidly growing demand for shorter, less bulky, high output drills. Incorporating the latest in design and engineering, these two close coupled models pack tremendous power and endurance into small dimensions.

Only 14" overall, these drills measure a bare 10-3/8" with the spade handle removed. This permits work in extremely close quarters . . . the difference between minutes and hours on many maintenance jobs. They are light in weight — about 9-1/2 lbs. — yet their powerful motors and full anti-friction bearing construction give exceptional efficiency for continuous production work.

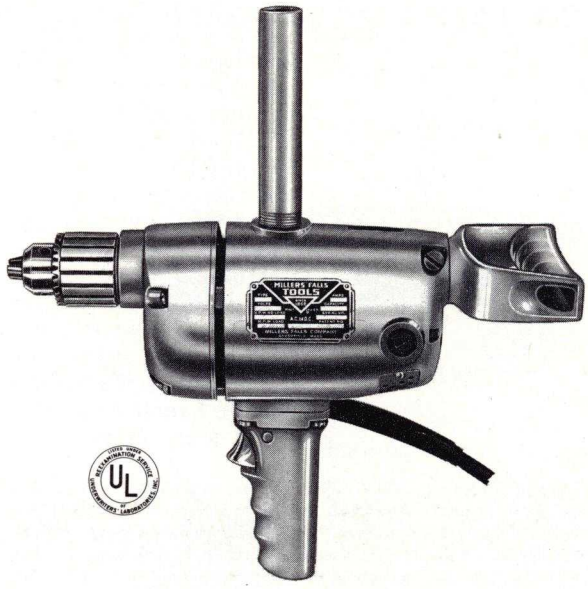


NO. 438 3/8" HEAVY DUTY DRILL

There's extra power in this rugged 3/8" drill, despite its compact size and light weight which make it easy to handle in close quarters.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 4.5 at 115 volts. **HOUSING:** Lightweight aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature, ball and needle bearing spindle, needle bearing intermediate pinions. **GEARS:** Heat treated alloy steel. **BRUSHES:** Pigtail type, accessible from outside. **SWITCH:** Double pole, with lock and automatic trigger release. **CHUCK:** Geared key chuck is standard. For applications where drill bits are changed frequently, keyless chuck is available at extra cost. **CAPACITY:** 3/8" in steel. **NO LOAD SPEED:** 900 RPM. **NET WEIGHT:** 9-1/2 lbs. **OVERALL LENGTH:** 14". (10-3/8" with spade handle removed.) **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug.

Packed 1 in a box. Shipping weight: 11-1/2 lbs.

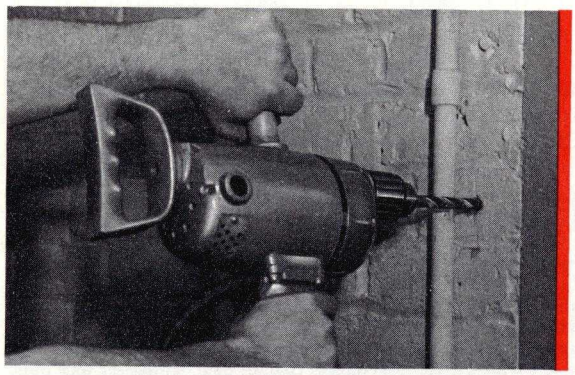


NO. 512 1/2" HEAVY DUTY DRILL

This model meets federal specifications for "Heavy Duty" designation, and has power far out of proportion to its size and weight. Compact design and removable spade handle permit use in tight spots.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 5.0 at 115 volts. **HOUSING:** Lightweight aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature, ball and needle bearing spindle, needle bearing intermediate pinions. **GEARS:** Heat treated alloy steel. **BRUSHES:** Pigtail type, accessible from outside. **SWITCH:** Double pole, with lock and automatic trigger release. **CHUCK:** Geared key chuck is standard. For applications where drill bits are changed frequently, keyless chuck is available at extra cost. **CAPACITY:** 1/2" in steel. **NO LOAD SPEED:** 550 RPM. **NET WEIGHT:** 9-5/8 lbs. **OVERALL LENGTH:** 14". (10-3/8" with spade handle removed.) **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug.

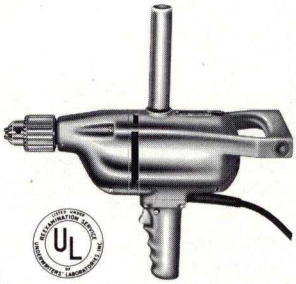
Packed 1 in a box. Shipping weight: 11-5/8 lbs.



EVEN IN TOUGH BRICK, the Millers Falls No. 512 close coupled, heavy duty drill easily bores a 1/2" hole, driving a carbide tipped bit. On any difficult work, and in the most confining spots, the No. 512 delivers power to spare in spite of its compact size and light weight.

See pages 15 and 16 for Drill Press Stand and other Drill Accessories.

NO. 2412 1/2" STANDARD DRILL



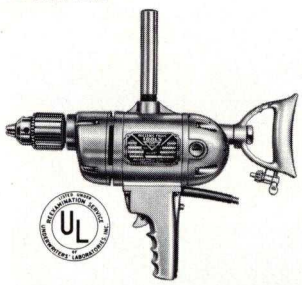
Built with the exacting craftsmanship that is traditional at Millers Falls, the No. 2412 delivers truly big drill performance at remarkably small dollar outlay. Features include: Powerful 4.5 amp. motor, light weight (8-7/8 lbs.), ball thrust spindle bearing, removable pipe handle, horizontal spade handle cast integral with frame.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 4.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **GEARS:** Heat treated alloy steel. Spindle gear and 2nd intermediate gear and pinion are induction hardened. **SWITCH:** Single pole, with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 1/2" in steel. **NO LOAD SPEED:** 450 RPM. **NET WEIGHT:** 8-7/8 lbs. **OVERALL LENGTH:** 13-7/8". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 10-3/4 lbs.

LARGE CAPACITY DRILLS

NOS. 3012 1/2" AND 3058 5/8" DRILLS



No. 3012 is a 1/2" heavy duty, ball bearing drill with rugged power, excellent balance, speed, durability and comparatively light weight — everything a drill of this capacity should have.

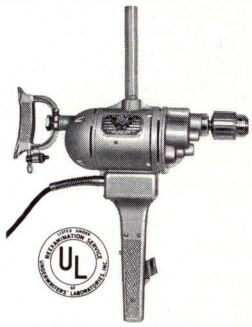
No. 3058 5/8" standard duty, ball bearing drill is an ideal solution to the usual range of drilling applications handled by the maintenance man. Drills holes up to 1-1/4" diameter in hard wood with conventional auger bits — even larger diameter holes with hole saws.

MOTORS: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 5.5 at 115 volts. **HOUSINGS:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature, ball and needle bearing spindle, needle bearing intermediate pinions. **GEARS:** Heat treated alloy steel. **SWITCHES:** Double pole, with locks and automatic trigger releases. **CHUCKS:** Geared key. **CAPACITIES:** (3012) 1/2" in steel; (3058) 5/8" in steel. **NO LOAD SPEEDS:** (3012) 500 RPM; (3058) 300 RPM. **NET WEIGHTS:** (3012) 13-1/2 lbs.; (3058) 14-1/2 lbs. **OVERALL LENGTHS:** (3012) 17"; (3058) 17-3/4". **CORDS:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plugs.

Packed 1 in a box. Shipping weights: (3012) 17-1/2 lbs. (3058) 18-1/2 lbs.

PLUMBERS, ELECTRICIANS, steamfitters, maintenance men find in the husky No. 3012 Drill the right combination of power, capacity and relatively light weight for the general run of jobs they encounter. Here a No. 3012 is used with a 2-9/16" Millers Falls "Deep-Cut" Hole Saw to bore a hole through heavy flooring for installation of 2" pipe.

NO. 658 5/8" HEAVY DUTY DRILL

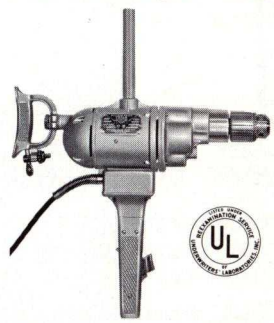


No. 658 5/8" ball bearing drill is a heavy duty drill in every sense of the word. Recommended for the toughest kinds of continuous work, such as operating pipe threading machines, drilling masonry and similar work.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 6.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature. **GEARS:** Heat treated alloy steel. **BRUSHES:** Pigtail type, mounted on rocker ring. **SWITCH:** Heavy duty double pole, with lock and automatic trigger release. **CHUCK:** Geared key is standard. Also available with Morse Taper Socket on special order at no extra cost. **CAPACITY:** 5/8" in steel. **SPEED:** Standard, 475 RPM; Special, 700 RPM. **NET WEIGHT:** 23-1/4 lbs. **OVERALL LENGTH:** 19-1/4". **CORD:** 10 feet, 16-gauge, 3-conductor, Type S, with molded plug.

Packed 1 in a box. Shipping weight: 28-5/8 lbs.

NO. 734 3/4" HEAVY DUTY DRILL

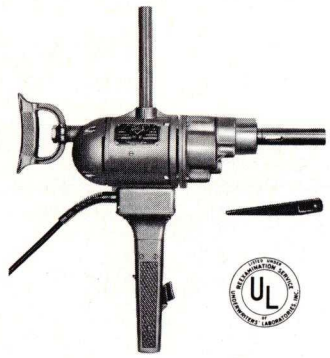


Designed and powered for the very heaviest types of 3/4" service, the No. 734 is particularly suited to such grueling jobs as driving positive set cylinder grinders and hones. The spindle has double Timken Tapered Roller Bearings.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 7.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature. Spindle mounted on double Timken Tapered Roller Bearings. **GEARS:** Heat treated alloy steel. **BRUSHES:** Pigtail type, mounted on rocker ring. **SWITCH:** Heavy duty double pole, with lock and automatic trigger release. **CHUCK:** Geared key chuck is standard. Also available with No. 2 or No. 3 Morse Taper Socket at no additional cost. **CAPACITY:** 3/4". **SPEED:** Standard, 400 RPM; Special, 275 RPM. **NET WEIGHT:** 26-1/8 lbs. **OVERALL LENGTH:** 21-3/4". **CORD:** 10 feet, 16-gauge, 3-conductor, Type S, with molded plug.

Packed 1 in a box. Shipping weight: 31-3/8 lbs.

See pages 15 and 16 for Drill Press Stands and other Drill Accessories.



NO. 801 1" STANDARD DRILL

Designed and powered for continuous drilling up to and including 1" in steel or equivalent loads. Spindle is equipped with Timken Tapered Roller Bearings and is supplied with a No. 3 Morse Taper Socket in place of chuck.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 7.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature. Spindle mounted on Timken Tapered Roller Bearings. **GEARS:** Heat treated alloy steel. **BRUSHES:** Pigtail type, mounted on rocker ring. **SWITCH:** Heavy duty double pole, with lock and automatic trigger release. **CAPACITY:** 1" in steel. **SPEED:** Standard, 275 RPM; Special, 400 RPM. **NET WEIGHT:** 24-3/8 lbs. **OVERALL LENGTH:** 23-1/4". **CORD:** 10 feet, 16-gauge, 3-conductor, Type S, with molded plug.

Packed 1 in a box. Shipping weight: 29-5/8 lbs.

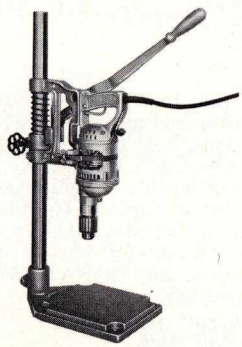
DRILL PRESS STANDS

The sturdy, heavily constructed stands shown below convert Millers Falls Portable Electric Drills into efficient bench units. Drills can be mounted quickly and easily and are held rigidly in position in the brackets, which are adjustable for height.

The long levers are equipped with spring returns and provide ample drilling pressures. All bases are heavy cast iron with accurately machined working surfaces.

Special designs for production applications are available.

NO. 1514 DRILL PRESS STAND



For the Nos. 414, 514, 516, 638 Drills. This stand may also be used with the No. 11 and No. 22 Screwdrivers. (See page 35.) Chuck to table: 13-1/4". Overall height: 28". Base: 9-1/4" x 8". Net weight: 39 lbs.

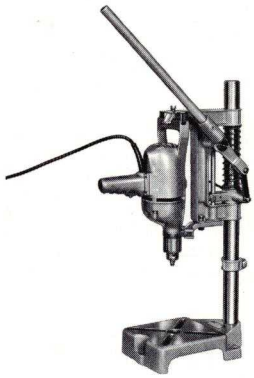
Packed 1 in a box.
Shipping weight: 45 lbs.

NO. 5120 DRILL PRESS STAND

This stand is specially designed for the Nos. 438 and 512 Drills. Chuck to table: 14". Overall height: 28-1/2". Base: 8-1/4" x 8-1/4". Net weight: 54 lbs.

Packed 1 in a box.
Shipping weight: 74 lbs.

NO. 2424 DRILL PRESS STAND



This solidly built stand is designed for the No. 2412 Drill. Head rotates 360°. Stroke can be set precisely for any depth up to 4-1/2". Spindle to column: 6". Chuck to table: 10". Overall height: 27". Work surface: 7-1/2" x 7-1/2". Net weight: 27 lbs.

Packed 1 in a box.
Shipping weight: 30 lbs.

NO. 1238 DRILL PRESS STAND

This big rugged stand fits the Nos. 3012, 3058, 658, 734 and 801 Drills. Chuck to table: 16". Overall height: 36". Base: 10" x 10". Net weight: 57-1/4 lbs.

Packed 1 in a box.
Shipping weight: 77 lbs.

DRILL ACCESSORIES

NO. 3163 TREADLE EQUIPMENT

This simple, dependable accessory makes efficient, foot-operated bench units out of Millers Falls drills and screwdrivers. Leaves both hands free to hold work. Designed for use with all stands above. *When ordering, specify stand with which the No. 3163 is to be used.*

Packed 1 in a box.
Shipping weight: 21 lbs.

NO. 650 SUSPENSION BALANCE

Used widely with screwdrivers and nut runners, this small, convenient accessory can also be employed to great advantage on many drilling applications. Smooth spring action brings drill quickly into operating position . . . returns it securely overhead . . . reduces operator fatigue. Supports drills weighing up to 5 lbs. 6-ft. nylon-covered wire rope cable. Simple tension adjustment. Dimensions: 7-3/4" x 5-1/2". Net weight: 1-7/8 lbs.

Packed 1 in a box. Shipping weight: 2-3/8 lbs.

NO. 1650 SUSPENSION BALANCE

Similar to the No. 650 above, but considerably larger and with greater capacity (10 lbs.). Cable length: 6 ft. Dimensions: 10-1/4" x 8-1/4". Net weight: 6-5/8 lbs.

Packed 1 in a box. Shipping weight: 7-5/8 lbs.

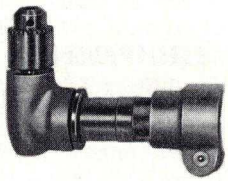
NOS. 1090 — 1091 RIGHT-ANGLE DRIVES

These useful attachments are driven directly by the drill spindle and are equipped with precision ball bearings throughout. For utmost ease and convenience in use, the chuck may be located and locked in any position in 360°.

The No. 1090 fits Nos. 220, 225, 230, 235, 240, and 245 Drills. The No. 1091 fits Nos. 250 and 255 Drills. Net weight: 1-1/4 lbs.

Packed 1 in a box. Shipping weight: 1-3/8 lbs.

NOS. 1092 — 1093 RIGHT-ANGLE DRIVES



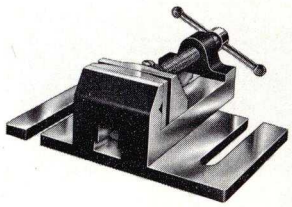
Similar to the Nos. 1090 and 1091 above. The No. 1092 fits Nos. 514 and 516 Drills. No. 1093 fits No. 638 Drill. Net weight: 1-1/2 lbs.

Packed 1 in a box. Shipping weight: 1-5/8 lbs.

ELECTRIC TOOL GREASE

This multi-purpose, lithium-base grease is specially compounded for maximum efficiency under all operating conditions. It maintains its characteristics over a wide temperature range and provides excellent lubrication for gears, ball and sleeve bearings. It is a good rust preventive, has long shelf life, won't bleed, and minimizes leakage because it contains no oil. No. 19316 4-oz. tube. No. 19317 5-lb. can.

NO. 1517 DRILL PRESS VISE



This well made, nicely finished vise is designed for use with the Nos. 1514, 5120, 1238 and 2424 Drill Press Stands and holds all types of work firmly in place. For gripping irregular shaped materials, it is equipped with a swivel jaw, which can be removed at will. Capacity with swivel jaw inserted: 2-3/4" — with swivel jaw removed: 3-1/8". Width of jaws: 2-3/8".

Packed 1 in a box. Shipping weight: 6-5/8 lbs.

NO. 55 POWER FEED

This useful accessory lets one man do the work of two or three. It acts like a winch and provides plenty of pressure on the work with controlled feed.

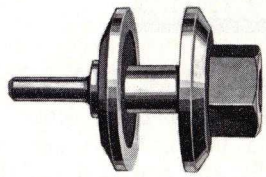
The chain is hooked around the work and over the take-up sprocket as shown. By simply turning the serrated aluminum handle any desired pressure can be applied.

The No. 55 may be used with any drill whose side handle has a 3/4" pipe thread, including the Nos. 438, 512, 2412, 3012, 3058, 658, 734, 801 and 912 (p. 20).

Length: 7". Net weight: 2-3/4 lbs.

Packed 1 in a box. Shipping weight: 3 lbs.

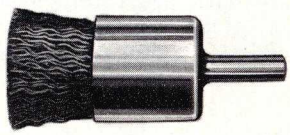
NO. 1518 ARBOR



For operating grinding, wire brush and buffing wheels with 1/2" holes. Round shank fits any drill with 1/4" or larger chuck.

Packed 1 in a box. Shipping weight: 1/2 lb.

NO. 1522 CARBON CLEANING BRUSH



Removes carbon rapidly and thoroughly from automobile cylinders and pistons, removes rust and performs many metal cleaning jobs efficiently. Shank fits any 1/4" or larger chuck.

Packed 1 in a box. Shipping weight: 1/4 lb.

HOLE SAWS

Millers Falls offers the world's most complete line of hole saws and hole saw kits, including "Blu-Mol"® high speed, follow-through-type hole saws in 51 sizes from 9/16" to 6" . . . "Deep-Cut" Hole Saws and Kits with full 2-1/2" cutting depth . . . and economical "Reblade" hole saws with replaceable blades. These efficient, gang-cutting tools provide the fastest, most economical method available for boring large holes in metal, wood, plaster or any machinable material. Write for complete catalog.

See page 27 for new "Quik-Cut" Hole Saws.

general purpose drills and power workshops

1/4" DRILLS

SHOCKPROOF

Insulated Chuck ☐ Insulated Housing

NO. 1144 1/4" SAFE-T-DRILL

Double protection through double insulation! Here, for the first time you have a SAFE-T-DRILL with a surge-tested Millers Falls motor PLUS the added safety of an insulated chuck and a shatterproof nylon housing. 20% lighter than similar aluminum drills. Full 2.7 amp. rating — power aplenty to smoothly run a complete line of Quik-Change Attachments.

MOTOR: Universal AC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.7 at 115 volts. **HOUSING:** Lightweight Du-Pont Nylon. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **GEARS:** Hardened alloy steel, grease lubricated. **SWITCH:** Single pole, with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 1/4" in steel. 1-1/2" in wood. **NO LOAD SPEED:** 2250 RPM. **NET WEIGHT:** 2-1/2 lbs. **CORD:** 6 feet, 18-gauge, 2 conductor, Type SJ, with molded plug.

Packed 1 in a display carton. Shipping weight: 3-5/8 lbs.

DISPLAY PACKAGED

NO. 1144
Safe-T-Drill

NO. 1114
Power Drill

NO. 1040
Drive-All-Drill

NOS. 1114 AND 1134 POWER DRILLS

Power-boosted to 2.7 amps. and geared to 2250 RPM, these versatile drills have plenty of torque to drive complete 14-tool power workshops. Attachments mount directly on specially machined nose and are driven right off spindle. New lever-action lock on QUIK-CHANGE Attachments lets you change attachments in seconds. No. 1134 Drill has ball bearing armature for heavier duty.

MOTORS: No. 1114 — Universal AC, 25/60 cycles. No. 1134 — Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230 (Also see page 2) **AMPERES:** 2.7 at 115 volts. **HOUSINGS:** Lightweight, die cast aluminum. **FINISH:** Full Polish. **BEARINGS:** No. 1114 — Ball thrust spindle, others self-lubricating bronze. No. 1134 — Same but with ball bearing armature. **GEARS:** Hardened alloy steel, grease lubricated. **SWITCHES:** Single pole, with lock and automatic trigger release. **CHUCKS:** Geared key. **CAPACITY:** 1/4" in steel. 1-1/2" in wood. **NO LOAD SPEED:** 2250 RPM. **NET WEIGHTS:** 3-1/8 lbs. **OVERALL LENGTHS:** 8-1/2". **CORDS:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug.

No. 1114 packed 1 in a display carton. Shipping wgt.: 4-1/4 lbs.
No. 1134 packed 1 in a box. Shipping wgt.: 3-5/8 lbs.

NO. 1040 DRIVE-ALL-DRILL

This husky, full-powered drill is built for maximum value at minimum cost. Tackles the toughest drilling jobs in wood or steel and drives a full line of matched, QUIK-CHANGE Attachments — a complete 14-tool power workshop.

MOTOR: Universal AC, 25/60 cycles. **VOLTAGES:** 115 or 230 (Also see page 2) **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Silver-gray enamel. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **GEARS:** Hardened alloy steel, grease lubricated. **SWITCH:** Single pole, with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 1/4" in steel. 1-1/2" in wood. **NO LOAD SPEED:** 2250 RPM. **NET WEIGHT:** 2-3/4 lbs. **OVERALL LENGTH:** 8-1/2". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug.

Packed 6 in a display carton. Shipping weight: 22-3/4 lbs.

See following pages for complete line of attachments and supplies

ATTACHMENTS and ACCESSORIES

HORIZONTAL BENCH STANDS

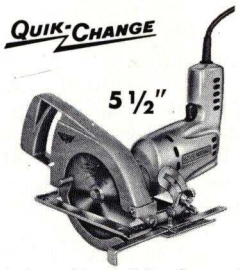
No. 1160 — Fits drills Nos. 1040, 1114, 1134, 1234, 1235, 2434, 2435, 2438, 2538, 2638, and 2838.

Packed 1 in a box. Shipping weight: 1-3/4 lbs.

No. 1164 — Fits No. 1144 Safe-T-Drill.

Packed 1 in a box. Shipping weight: 2-3/4 lbs.

NO. QC-1170 CIRCULAR SAW



Specially designed for Millers Falls Drills with exclusive lever-action lock that lets you change attachments in seconds. Clamps directly on the drill's nosepiece and is driven right from the spindle. This means perfect alignment and maximum power transmission to the blade. Depth of cut is adjustable from 0" to 1-11/16" (enough for 2" dressed lumber at 90°). Angle of cut may be set at anything from 90° to 45°. Has handy, adjustable rip guide and telescoping safety guard with large retracting lever.

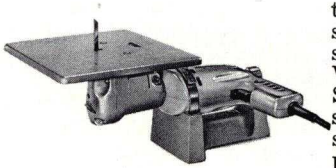
Packed 1 in a display box. Shipping weight: 3-3/8 lbs.

NO. QC-886 SABRE SAW

With exclusive lever-action lock that lets you change attachments in seconds. Cuts straight lines, curves, intricate shapes in wood and metal. Even makes its own starting hole in wood. Mounts directly on drill's nosepiece. Capacity: 1-3/4" in wood, 1/8" in metal. Complete with 7- and 10-tooth-to-the-inch wood cutting blades, 14- and 32-tooth metal cutting blades. See page 30 for full listing of all the many types of saw and knife blades available.

Packed 1 in a box. Shipping weight: 1-1/2 lbs.

NO. 887 JIG SAW TABLE



Two screws quickly attach this strong, stamped steel 8" x 8" table to the shoe of the No. QC-886. With Drill and Bench Stand, it becomes a smooth-running table jig saw ideal for cutting out puzzles, monograms, and many other small designs.

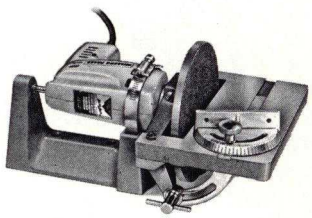
Packed 1 in a box. Shipping weight: 1-1/2 lbs.

NO. QC-882 FINISH SANDER

Produces "mirror" smooth surfaces equal to the finest professional work. Wet or dry sanding may be done with or across grain without leaving the slightest visible marks. Exclusive lever-action lock lets you change attachments in seconds. Uses standard abrasive sheets cut in thirds. Quick-acting spring clips hold sheets firmly. Equally effective on wood, metal, plaster and other materials.

Packed 1 in a box. Shipping weight: 1-7/8 lbs.

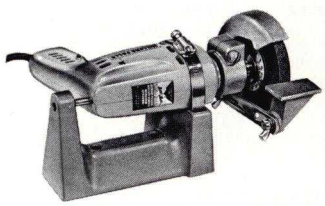
NO. 889 6" BENCH SANDER



This useful attachment does accurate sanding and metal polishing at angles and even at compound angles. The table measures 5-3/8" x 8" and tilts to any angle from level to 45°. Graduated angle guide may be set to 45° in either direction. Disc is driven directly from drill spindle for minimum power loss.

Packed 1 in a box. Shipping weight: 5-1/2 lbs.

NO. 8810 4" BENCH GRINDER



This inexpensive attachment does a fine job of sharpening knives, chisels, scissors, garden tools, etc. Work rest is adjustable for angle and for diameter of wheel as it wears. Wheel is well guarded for safety. Guard clamps over drill's nosepiece. Equipped with medium grit wheel 4" in diameter and 1/2" wide.

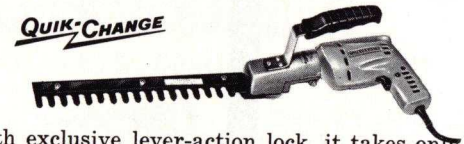
Packed 1 in a box. Shipping weight: 2-3/8 lbs.

NO. 8820 FLOOR POLISHER

Designed for the lady of the house, the 8820 produces a beautiful smooth polish on wood, tile and linoleum floors. And it costs far less than a self-powered polisher. Two floating, 6" brushes shine a wide path at each pass and turn in opposite directions to prevent creep and drag. An attractive "Vinylite" bumper allows working close to furniture and baseboards without risk of marring. Built and balanced for easy use anywhere.

Packed 1 in a shipper display carton. Shipping weight: 14 lbs.

NO. QC-8821 HEDGE TRIMMER



With exclusive lever-action lock, it takes only a few instants to clamp this sturdy, 12-inch trimmer onto the nosepiece of Millers Falls drills. Lightweight and easy to control, it is direct driven for positive power. 16 hardened, self-sharpening sabre teeth cut twigs and small branches up to 3/8". Black plastic handle is formed to fit the hand.

Packed 1 in a counter display box. Shipping weight: 3-3/8 lbs.

NOS. 2818 AND 2616 DRILL PRESS STANDS

These sturdily built drill press stands are made especially for the Millers Falls line of pistol grip and saw grip drills. They are adjustable vertically and horizontally. Strong and rugged, they provide powerful leverage for all types of work.

CHUCK TO TABLE: 12" maximum. **CHUCK TO COLUMN:** 4-1/2". **FEED:** 1-3/4" maximum. **NET WEIGHTS:** (2818) 7 lbs. (2616) 8-1/4 lbs.

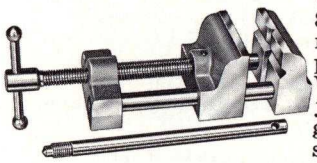
No. 2818 stand for pistol grip drills Nos. 1040, 1114, 1134, 1144, 1234, 2434, 2438, and 2838.

Packed 1 stand in a box. Shipping weight: 9 lbs.

No. 2616 stand for saw grip drills Nos. 1235, 2435 2538, and 2638.

Packed 1 stand in a box. Shipping weight: 9-1/2 lbs.

NO. 8816 DRILL PRESS VISE



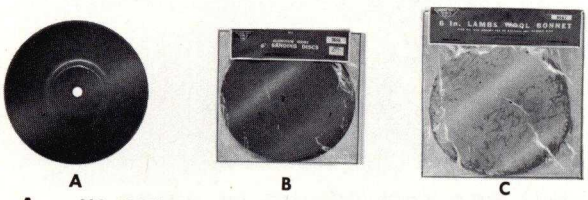
Can be used with the No. 8814 Stand or with almost any other drill press. Capacity: 3". Width: 2-1/2". Front jaw has milled slots for gripping irregular shaped stock. Equipped with safety rod.

Packed 1 in a box. Shipping weight: 3-5/8 lbs.

NO. 8815 SPEED REDUCER

An extremely useful accessory for jobs where high torque is needed. Cuts drill's speed 7 to 1 (2250 to 320 RPM). Makes it possible to drill holes up to 1/2" in steel and to operate carbide-tipped bits for drilling concrete, masonry, etc.

Packed 1 in a box. Shipping weight: 1-5/8 lbs.



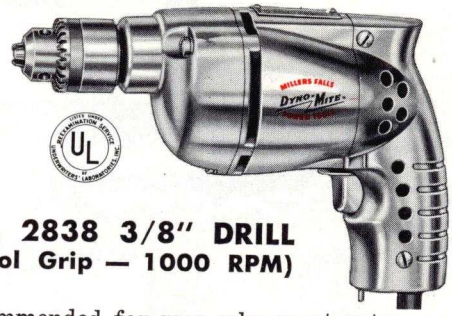
A B C

A NO. 9672 6" RUBBER BACKING PAD complete with spindle nut and spacer.

B NO. 9666 6" SANDING DISCS. Coarse, Medium, Fine. Packed six discs in cellophane envelope — either assorted grits or all the same.

C NO. 9667 LAMB'S WOOL POLISHING BONNET.

3/8" DRILLS

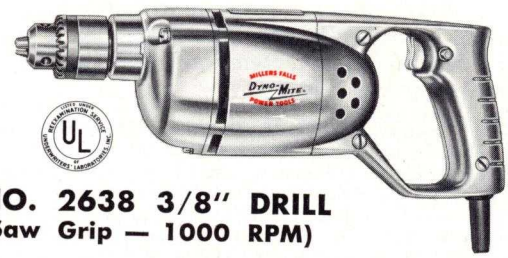


NO. 2838 3/8" DRILL (Pistol Grip — 1000 RPM)

Recommended for men who want extra capacity for drilling 3/8" diameter holes in steel or for operating small hole saws and carbide-tipped masonry bits.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **GEARS:** Hardened alloy steel, grease lubricated. **SWITCH:** Single pole, with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 3/8" in steel. **NO LOAD SPEED:** 1000 RPM. **NET WEIGHT:** 3-1/8 lbs. **OVERALL LENGTH:** 9-1/8". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 4-1/8 lbs.



NO. 2638 3/8" DRILL (Saw Grip — 1000 RPM)

This drill has ample power for drilling 3/8" diameter holes in steel, and for powering small hole saws and carbide-tipped masonry drills. The saw grip handle permits direct drive thrust.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **GEARS:** Hardened alloy steel, grease lubricated. **SWITCH:** Single pole, with lock and automatic trigger release. **CHUCK:** Geared key. **CAPACITY:** 3/8" in steel. **NO LOAD SPEED:** 1000 RPM. **NET WEIGHT:** 3-3/8 lbs. **OVERALL LENGTH:** 11-17/32". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug.

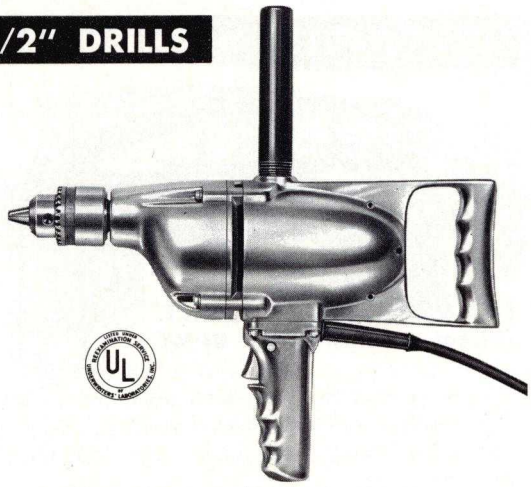
Packed 1 in a box. Shipping weight: 4-1/2 lbs.

NO. 1888 3/8" DRILL (1/3 H.P. — 3200 RPM)

This is the drill version of the famous Millers Falls "888" Power Unit. For complete specifications and for details on the full line of attachments and accessories that are available, see pages 28-32.

See pages 21-27 for Kits and additional Accessories and Supplies

1/2" DRILLS

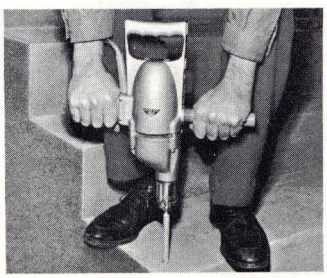


NO. 912 1/2" DRILL

The most powerful 1/2" drill in its class, the No. 912 is a top buy for farm, home, garage, and repair shop. Built to tackle those tough jobs that smaller drills just can't handle, it has more built-in power, more solid, dependable drilling punch than any comparable drill on the market. It has a rugged 4.5 amp. motor — ample power for drilling up to 1/2" holes in steel, up to 1-1/2" in wood. Locking button for continuous use with automatic trigger release. Removable pipe handle for extra heavy work.

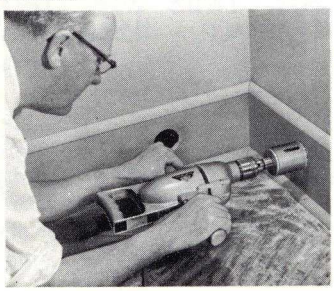
MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 4.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Polished. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **GEARS:** Alloy steel, grease lubricated. **SWITCH:** Single pole (115 volts) — double pole (230 volts). Both with lock and automatic trigger release. **CHUCK:** General key. **CAPACITY:** 1/2" in steel, 1-1/2" in wood. **NO LOAD SPEED:** 450 RPM. **NET WEIGHT:** 8 lbs. **OVERALL LENGTH:** 15". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug.

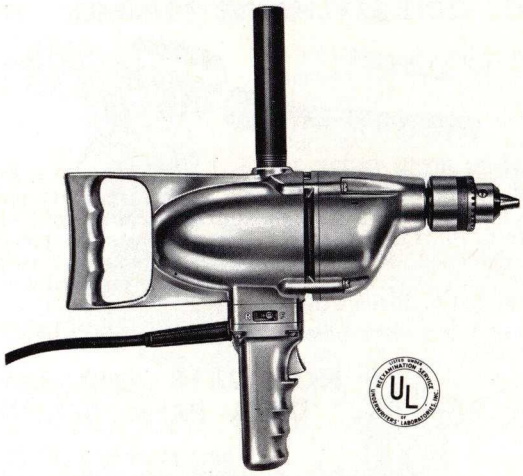
Packed 1 in a box. Shipping weight: 10 lbs.



PLENTY OF POWER. The No. 912 Drill drives carbide-tipped bits through concrete, cinder block, brick, masonry — smoothly and easily — without chatter or stalling. On heavy jobs, it's a real standout, providing rugged dependability and stamina at low cost.

CUT BIG HOLES FAST. With gearing to 450 RPM, the No. 912 has ample torque to operate hole saws for installing pipes, conduit and cables through partitions, floors and ceilings. Here the No. 912 Drill is shown cutting holes in baseboards for a hot water heating system.





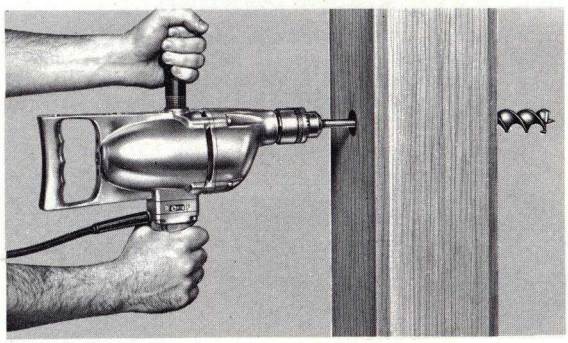
NO. 912R REVERSING 1/2" DRILL

This versatile new drill has extra power for drilling large holes in metal, wood and composition materials. The husky "Millers Falls Built" motor has a full 4.5 ampere rating — delivers full power in both directions. Geared to 450 RPM for added torque, the 912R drills holes up to 1/2" in steel and 1-1/2" in wood. Heavy-duty reversing switch is conveniently located in handle. Built for speed and safety on deep boring operations. Removable pipe handle for close quarters drilling. Mounts quickly on No. 2912 Stand for use as a drill press. Lightweight, die-cast aluminum housing with polished finish.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGE:** 115. **AMPERES:** 4.5 at 115 volts. **HOUSING:** Lightweight die cast aluminum. **FINISH:** Polished. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **GEARS:** Alloy steel, grease lubricated. **LINE SWITCH:** Single pole with lock and automatic trigger release. **REVERSING SWITCH:** Heavy duty double pole. **CHUCK:** Geared key. **CAPACITY:** 1/2" in steel. 1-1/2" in wood. **NO LOAD SPEED:** 450 RPM. **NET WEIGHT:** 8 lbs. **OVERALL LENGTH:** 15". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug.

Packed 1 in a box. Shipping weight: 10 lbs.

NOTE: 230 volt 912R Drill is now available. Write for details.



IDEAL FOR DEEP BORING IN WOOD. Reversing feature makes the No. 912R particularly useful for boring deep holes in heavy timbers. Just flick reversing switch to back the auger out under power. Reduces bit breakage. Eliminates dangerous hand turning. Ideal for pole line drilling.

See page 21 for Drill Press Stand

KITS AND STANDS

NO. 1118 DELUXE DRILL KIT

This kit contains everything needed for drilling, sanding, polishing, and sawing. It can also be expanded into a complete power workshop by adding other attachments shown on pgs. 18 and 19.

Kit includes: No. 1114 ¼" Drill, No. QC-886 Sabre Saw Attachment with 4 blades, No. 2107 3-piece Drill Set, No. 2105 5" Rubber Pad, No. 2111 Rubber Pad Adapter, No. 2121 5" Lamb's Wool Polishing Bonnet, No. 2122 two 5" Sanding Discs, and enameled steel carrying case.

Packed 1 in a box. Shipping weight: 9 lbs.

NO. 1117 BASIC DRILL KIT

The No. 1117 kit contains the same items as the No. 1118 above with the exception of the No. QC-886 Sabre Saw Attachment. It represents an outstanding buy for those who want quality equipment at low cost.

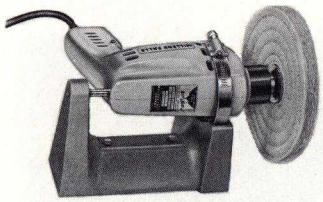
Packed 1 in a box. Shipping weight: 6-3/4 lbs.

NO. 1160 BENCH STAND

For use in wire brushing, buffing, etc. with the Nos. 1040, 1114, 1134, 1234, 1235, 2434, 2435, 2438, 2538, 2638, and 2838 Drills. Also required for operating bench attachments (Table Jig Saw, Bench Sander, Bench Grinder — see page 18) with the Nos. 1040, 1114, and 1134 Drills. Easy to mount on bench. Drill can be installed in seconds. Excellent wheel clearance.

Packed 1 in a box. Shipping weight: 1-3/4 lbs.

NO. 1164 BENCH STAND



Specially designed for the No. 1144 Safe-T-Drill. Converts drill into an efficient stationary power unit for driving buffing and wire brush wheels. Also used in connection with bench attachments: No. 889 Bench Sander, No. 8810 Bench Grinder, and No. 887 Jig Saw Table. Can be quickly attached to bench with screws. Takes only a moment to mount or remove drill from stand. Provides ample wheel clearance.

Packed 1 in a box. Shipping weight: 2-3/4 lbs.

NOS. 2818 AND 2616 DRILL PRESS STANDS

These sturdily built drill press stands are made especially for the Millers Falls line of pistol grip and saw grip drills. They are adjustable vertically and horizontally. Strong and rugged, they provide powerful leverage for all types of work.

CHUCK TO TABLE: 12" maximum. **CHUCK TO COLUMN:** 4-1/2". **FEED:** 1-3/4" maximum. **NET WEIGHTS:** (2818) 7 lbs. (2616) 8-1/4 lbs.

No. 2818 stand for pistol grip drills Nos. 1040, 1114, 1134, 1144, 1234, 2434, 2438 and 2838.

Packed 1 stand in a box. Shipping weight: 9 lbs.

No. 2616 stand for saw grip drills Nos. 1235, 2435, 2538 and 2638.

Packed 1 stand in a box. Shipping weight: 9-1/2 lbs.

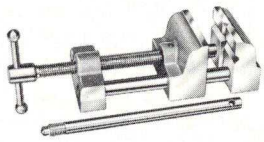
NO. 8814 DRILL PRESS STAND

This solid, ruggedly built stand fits the No. 1888 Drill as well as the Nos. 1040, 1114, 1134, 1144, 1234, 1235, 2434, 2435, 2438, 2538, 2638 and 2838. It has a 27" column 1-1/4" in diameter and a heavy 8" x 12" cast iron base with machined and slotted 7" x 7" working surface. The spring-balanced frame in which the drill is mounted can be locked at any point on the vertical column. Depth of feed can be accurately set from 0" to 2-1/4". Powerful feed pressure can be applied by means of the rubber-handled lever. Holes in the base make it easy to anchor the stand securely to bench.

CHUCK TO TABLE: 16-1/2" maximum. **CHUCK TO COLUMN:** 5-3/8". **FEED:** 2-1/4" maximum. **NET WEIGHT:** 18-1/2 lbs.

Packed 1 in a box. Shipping weight: 22-1/4 lbs.

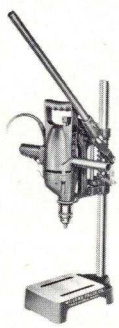
NO. 8816 DRILL PRESS VISE



Can be used with the No. 8814 Stand or with almost any other drill press. Capacity: 3". Width: 2-1/2". Front jaw has milled slots for gripping irregular shaped stock. Equipped with safety rod.

Packed 1 in a box.
Shipping weight: 3-5/8 lbs.

NO. 2912 DRILL PRESS STAND



A highly useful companion for the No. 912 or 912R drill. Heavy construction throughout. Smooth-acting with powerful leverage. Exerts ample pressure for 1/2" drilling in steel. Takes only a few moments to mount or remove drill.

CHUCK TO TABLE: 14" maximum. **CHUCK TO COLUMN:** 5-1/4". **FEED:** 3-1/2" maximum. **NET WEIGHT:** 20 lbs.

Packed 1 in a box.
Shipping weight: 24 lbs.

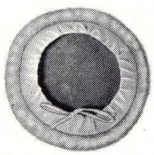
DRILL ACCESSORIES

Fits any 1/4" electric drill

NO. 2120 BUFFING AND SANDING ATTACHMENT

This inexpensive attachment makes any 1/4" electric drill an efficient power buffer-sander. Two speeds — 1 to 2 and 2 to 1 drill speed. Sturdy and smooth-running, with grease-sealed lubrication, machine-cut steel gears, self-lubricating bronze bearings. Exclusive feature: convenient 100° angle drive allows clearance for drill and cord on flat work. Complete with 5" rubber pad, two 5" sanding discs and 5" lamb's wool bonnet.

Packed 1 in counter display box. Shipping weight: 2 lbs.



No. 2121 — Extra 5" Lamb's Wool Bonnet.

Packed 4 in a box. Shipping weight: 3/4 lb.

No. 2122 — Extra 5" Sanding Discs. Choice of #1 or #00 grit.

Packed 24 in a box. Shipping weight: 1/2 lb.

No. 2125 — 1/4" Drill Chuck for use on No. 2120 attachment. Permits drilling in corners.

Packed 1 in a box. Shipping weight: 1/4 lb.

WAXING AND POLISHING furniture, the car, even floors, is easy with the No. 2120 attachment. With any 1/4" electric drill, it brings out a high-lustre finish and new beauty, especially to fine grain wood.

SANDING AND CLEANING any surface becomes a quick, simple task with a 1/4" electric drill equipped with a No. 2120 Attachment. Removing paint, re-finishing, sanding down sticky doors and windows are just a few of the jobs it does efficiently.

Fits any 1/4" electric drill

NO. 2130 RIGHT-ANGLE DRIVE

This handy attachment for 1/4" and 3/8" electric drills permits operation in close quarters where the drill cannot be used direct . . . in corners, between studs and other awkward spots. No adapter is required. Attachment is screwed directly onto the spindle of the drill, and the drill's chuck is screwed onto the attachment.

Gear ratio is 1 to 1. Gears are solid steel. Bearings are self-lubricating bronze. The side handle is reversible for use by right- or left-handed operators.

No. 2130 fits all 1/4" and 3/8" drills with "geared key" or "hex key" chucks which have spindles 3/8" in diameter and with 24 thread. This includes Millers Falls Electric Drills Nos. 1040, 1114, 1134, 1144, 1234, 1235, 1888, 2434, 2435, 2438, 2538, 2638, 2838 and Power Units Nos. 0888 and 888.

Packed 1 in a counter display box. Shipping weight: 1-1/8 lbs.

"IMPOSSIBLE" SPOTS are easy to reach with a Millers Falls Right-Angle Drive. Here, this handy attachment is used with a No. 800 "Dyno-Mite" 1" Power Bit to bore a hole through a tough spruce wall stud.

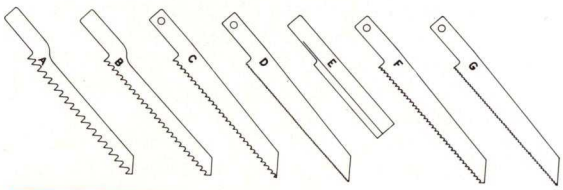
NO NEED TO DISASSEMBLE complex mechanisms like a lawnmower when drilling has to be done. With a No. 2130 Right-Angle Drive it's no trick at all to put a 1/4" hole almost anywhere.

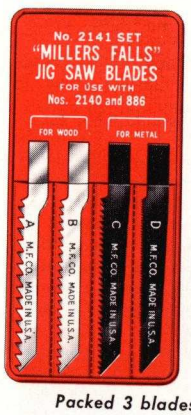
NO. 2140 SABRE SAW ATTACHMENT

This versatile tool fits all 1/4" electric drills. It easily saws intricate patterns for brackets, valances and other decorative or odd shapes in wood. It also cuts weather vanes, house signs, etc., in sheet metal. Requires no starting hole in wood — cuts its own way through. Furnished with 4 saw blades. Capacity 1-3/4" in wood; 1/8" in metal.

Packed 1 in counter display box. Shipping weight: 1-7/8 lbs.

EXTRA BLADES





A — 7-tooth Wood Cutting

B — 10-tooth Wood Cutting

C — 14-tooth High Speed Steel Metal Cutting

D — 32-tooth High Speed Steel Metal Cutting

E — Knife Blade

F — 18-tooth High Speed Steel Metal Cutting

G — 24-tooth High Speed Steel Metal Cutting

Packed 3 blades in an envelope — 30 blades per box. Shipping weight: 1/4 lb.

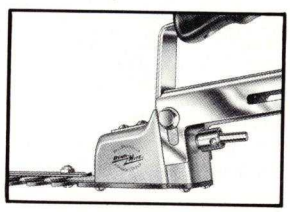
No. 2141 Set of 4 blades (1 each of A, B, C, and D in plastic pocket).

Packed 10 sets in a box. Shipping weight: 3/8 lb.

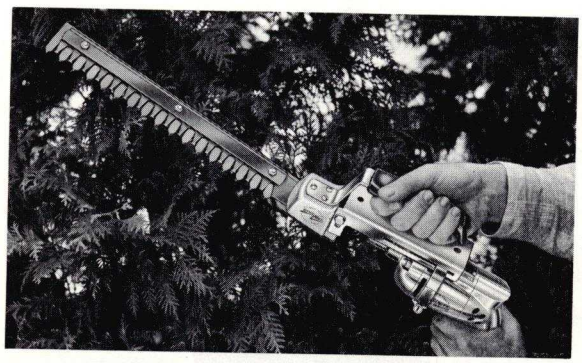
NO. 2150 HEDGE TRIMMER ATTACHMENT

Here's a lightweight, sturdy Hedge Trimmer Attachment of quality design for every homeowner with a 1/4" electric drill. Features include: die cast aluminum housing . . . 12" blade with 16 self-sharpening sabre teeth . . . cutter and raker blades case-hardened and tempered . . . universal joint drive for easy alignment . . . 10° offset angle for drill clearance . . . and full 3/8" cutting capacity. Bronze self-lubricating bearings throughout with 2 to 1 reduction and steel bevel gear drive. Hammertone gray enamel finish with rust-resistant plated bracket and strap and sure-grip plastic handle. Overall length: 21-1/2".

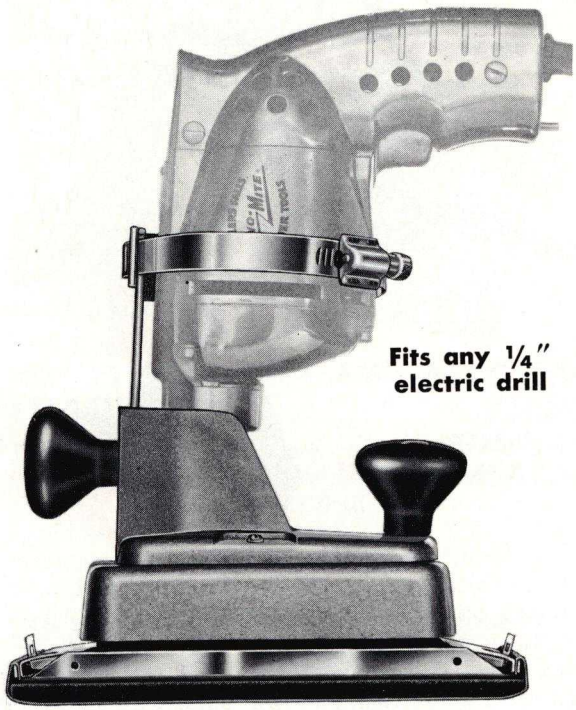
Packed 1 in counter display box. Shipping weight: 3-5/8 lbs.



THE NO. 2150'S UNIVERSAL JOINT DRIVE not only makes alignment quick and easy on any 1/4" electric drill, but assures positive, efficient, power transmission to the Trimmer Attachment.



TRIMS HEDGES, shapes evergreens, boxwood and other decorative greenery, cuts shrubs. A 1/4" electric drill equipped with a Millers Falls No. 2150 Hedge Trimmer Attachment does a quick, neat job on all these garden chores. The offset angle not only provides drill clearance of the work, but gives the tool perfect balance for comfortable handling.



NO. 2160 FINISH SANDER ATTACHMENT

This useful attachment converts any 1/4" electric drill into an efficient orbital, fine-finish sander, at a fraction of the cost of a comparable self-powered sander.

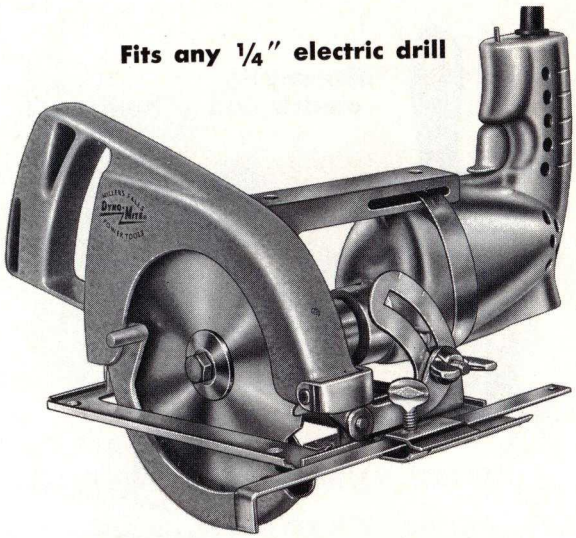
Easy to install, it has a quick-tightening strap and sturdy, adjustable support which holds the drill rigidly in place. Two handles are provided for convenience in using the tool in any position.

The sanding shoe measures 3-5/8" x 7-1/4" so that exactly 1/3 of standard abrasive sheets can be used. Spring-clip paper holders permit changing sandpaper with a flip of a finger. Since pad is impervious to water it is possible to do both wet and dry sanding.

The simple counterbalanced cam mechanism assures long life and smooth operation. Housing is finished in handsome hammertone gray enamel — bracket, strap and sanding shoe are plated to resist rust. Supplied complete with 2 pieces of #3/0 (120) waterproof close coat paper and 2 pieces of same, open coat.

Packed 1 in a counter display box. Shipping weight: 2-3/4 lbs.

Fits any 1/4" electric drill



NO. 2170 5" CIRCULAR SAW ATTACHMENT

Any 1/4" electric drill quickly becomes an easy-to-use, well balanced portable circular saw when equipped with this expertly engineered, lightweight (3-1/8 lbs.) attachment.

It's ideal for homeowners and hobbyists who don't want to make the major outlay needed for a more expensive, self-powered saw. Complete with 5" combination blade, it rips, crosscuts, trims, bevels, and mitres with capacity up to 1-7/16" at 90°. This is plenty for any plywood projects or for working 1" lumber. Even dressed 2x4's can be handled by making cuts from both sides.

The No. 2170 Attachment is furnished with an adjustable rip guide. Depth of cut and angle from 90° to 45° can be set accurately and easily. A flexible, quick-tightening strap locks drill securely to an adjustable bracket making installation a fast, simple matter.

To assure safe operation, a spring-loaded, retractable guard is provided. Handle is of cast aluminum, and the shoe is a sturdy steel stamping. Housing and handle are finished in hammertone gray enamel. Shoe, bracket and strap are plated for rust resistance.

Packed 1 in counter display box. Shipping weight: 3-3/4 lbs.

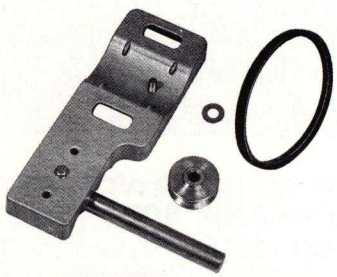
CROSSCUTS, RIPS, MITRES. The No. 2170 Saw Attachment can make any cut (including 45° bevels) on unfinished 1" lumber. With quick-tightening strap and adjustable bracket, it mounts in seconds on any 1/4" drill.

SANDS FLUSH INTO CORNERS. The No. 2160 Attachment has a full-width sanding shoe which permits working right up to baseboards and stair risers, and into corners on doors, windows, shelves, etc., without marring the adjacent surface.

NO. 2180 UNIVERSAL WOODWORKING LATHE

Here's a low-cost way to produce high-quality wood turnings. Rigid, vibration-free and easy to operate, the No. 2180 has many quality features usually found only in more expensive units. Ruggedly built to handle any kind of home workshop job. Turns work up to 8" in diameter and 30" long. Complete with 4-step pulley. Designed for use with Millers Falls famous No. 888 Power Unit, it can also be run with any suitable drill or induction motor with at least 1/4 H.P.

Packed in 2 cartons. Shipping weight: 25 lbs.



NO. 2181 MOTOR MOUNT

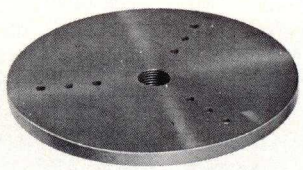
Versatile unit makes possible the mounting of No. 888 Power Unit or a variety of different type motors on No. 2180 Lathe and at the same time permits quick change of belt speeds. Pulley and V-belt included.

Packed 1 in a carton. Shipping weight: 4-7/8 lbs.

NO. 2182 18" TOOL REST

Greatly facilitates turning of long pieces between centers. Keeps long turnings straight and eliminates necessity for repeatedly moving short tool rest. Complete with two tool support bases.

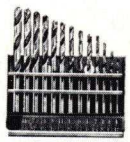
Packed 1 in a carton. Shipping weight: 4-1/4 lbs.



NO. 927 6" FACE PLATE

Has 6" diameter for large face plate work up to maximum capacity of lathe. May also be used in conjunction with a lathe dog for turning metal between centers. Back threaded to fit 3/4" x 16-thread arbor.

Packed 1 in a carton. Shipping weight: 2 lbs.



NO. 23096 HIGH-SPEED TWIST DRILL SET. 13 sizes from 1/16" to 1/4" by 64ths. High speed steel. For use in steel, iron, wood, plastic, etc. (Holder not included.)

NO. 23107 DRILL HOLDER. With 13 numbered holes for drill set above.

NO. 2107 3-PIECE DRILL SET. Carbon steel. Sizes: 1/8" — 3/16" — 1/4".

NO. 2115 WHEEL ARBOR. Screws directly on spindle, replacing chuck. For mounting grinding, buffing and wire brush wheels. For wheels with 1/2" holes.

NO. 2110 WHEEL ARBOR. Fits directly into chuck. For mounting grinding, buffing and wire brush wheels. For wheels with 1/2" holes.

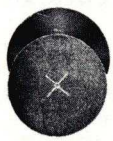
NO. 23093 GRINDING WHEEL. Medium grit for all around sharpening and grinding use. 4" x 1/2" with 1/2" hole.

NO. 2103 GRINDING WHEEL. Same as No. 23093, but 3" diameter.

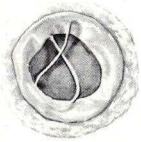
NO. 23094 WIRE BRUSH WHEEL. For cleaning, burnishing and removing rust, scale, old paint. 4" diameter. 1/2" hole.

NO. 23095 BUFFING WHEEL. 4-inch 20-ply, stitched cotton buff for cleaning and polishing metals. 1/2" hole.

NO. 2155 5" RUBBER BACKING PAD AND ADAPTER. For backing sanding discs and polishing bonnets.



NO. 2122 5" SANDING DISCS. #1 or #00 Grit.



NO. 2121 5" LAMB'S WOOL BONNET. High grade, genuine lamb's wool for polishing and waxing.

NO. 2125 1/4" DRILL CHUCK. For use with No. 2120 attachment. Permits drilling in corners, etc.

NO. 24086 1/4" JACOBS GEARED KEY CHUCK (#MC-1G61).

NO. 103169 KEY (Jac. #KG). For No. 24086 1/4" Chuck.

NO. 19590 3/8" JACOBS GEARED KEY CHUCK (#MC-4K61).

NO. 103287 KEY (Jac. #KK). For No. 19590 3/8" Chuck.

NO. 19382 1/2" JACOBS GEARED KEY CHUCK (#MC-10R64).

NO. 103232 KEY (Jac. #KR). For No. 19382 1/2" Chuck.

ELECTRIC TOOL GREASE. Special lithium-base formula. No. 19316 4-oz. tube. No. 19317 5-lb. can.

NO. 1465 "SCREW GUIDES"

No. 1465
"Screw-Guide"
PRICE
FOR No. 12
ADJUSTABLE SCREW HOLE DRILL
DRILLS COUNTERSINKS COUNTERBORES
DOES FIVE JOBS IN ONE OPERATION
1 Drills counterbore for putty or wood plug.
2 Drills countersink for flat screw head.
3 Drills hole for body of screw.
4 Drills correct diameter for screw threads.
5 Automatically stops at pre-set depth.
MILLERS FALLS COMPANY, GREENFIELD, MASS., U.S.A.

These useful accessories drill holes for threaded portion, body, countersink or plug in one operation with hand or power tools. They can be used with any 1/4" chuck. Sizes for Nos. 6, 8, 10 and 12 screws are available, and the Guides are adjustable for any length of wood screw. Always stop at the correct preset depth.

Carded and packed 4 in a box. Shipping weight: 1/2 lb.

NO. 410 COUNTERSINK

Countersinks holes for standard screws in mild steel, iron, soft metals and wood. High quality steel with milled flutes and edges. Has 1/4" round shank for use in electric drills and hand drills. Edges at 82°. Diameter is 1/2".

Packed 12 in a box. Shipping weight: 1/2 lb.

NO. 710 HIGH SPEED COUNTERSINKS

For use in any machinable material. Five flutes with 82° angle. High speed steel with ground edges for fast, clean cut. Overall length — 2-5/8". 1/4" shanks. Display carded and protected in blister packs.

No.	Diameter	Shipping Weight
710	1/2"	1/4 lb.
710	5/8"	3/8 lb.
710	3/4"	1/2 lb.

Carded and packed 4 in a box.

No. 835
power bit extension FOR 1/4" SHANKS
FOR USE WITH ½" PORTABLE ELECTRIC TOOLS ONLY
MILLERS FALLS TOOLS
PRICE
Made in U.S.A. by MILLERS FALLS COMPANY, GREENFIELD, MASS.

NO. 835 POWER BIT EXTENSION

12 inches long. Takes any size No. 800 Power Bit and follows through behind 11/16" and larger bits. Can be used singly or in series. With hex key. Nickel plated and polished.

Carded and packed 4 in a box. Shipping weight: 2-1/8 lbs.

NO. 800 POWER BITS

High speed steel blades hold edge 10 times longer than regular tool steel . . . even cut through ordinary nails and screws found in floors or partitions. Cut fast and clean in hard and soft woods, plastics, etc. Easily resharpened. Depth of cut — 5". Overall length: 6-1/2". Fit any 1/4" or larger electric drill. Have milled flats for firm grip in 3-jawed chucks.

No.	Hole Diameter	Shank Diameter	Shipping Weight
800-3/8"	3/8"	1/4"	5/8 lb.
800-1/2"	1/2"	1/4"	5/8 lb.
800-9/16"	9/16"	5/16"	3/4 lb.
800-5/8"	5/8"	5/16"	3/4 lb.
800-11/16"	11/16"	5/16"	7/8 lb.
800-3/4"	3/4"	5/16"	7/8 lb.
800-13/16"	13/16"	3/8"	1 lb.
800-7/8"	7/8"	3/8"	1 lb.
800-1"	1"	3/8"	1-1/8 lbs.

Packed 6 in a box.

NOS. 8004 AND 8006 POWER BIT SETS

Available in two sizes — one with 4 Bits and one with 6 Bits — both in handsome, plastic carrying rolls. Set No. 8004 contains 1/2", 5/8", 3/4" and 1" No. 800 Power Bits. Set No. 8006 contains 3/8", 1/2", 5/8", 3/4", 7/8" and 1" Bits.

Packed 1 in a box. Shipping weight: 5/8 lb. (No. 8004) — 7/8 lb. (No. 8006).

NO. 8002 MERCHANDISER

MILLERS FALLS TOOLS
HIGH SPEED STEEL
POWER BITS
FOR USE IN ANY ¼" AND LARGER DRILL
FOR THAT EXTRA REACH BUY THE 12" BIT EXTENSION
No. 835 POWER BIT EXTENSION

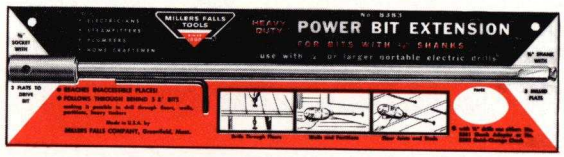
Durable, attractive, compact. Fixture measures only 20" x 14-1/4" x 7-1/2" and is free with purchase of tools it displays. Four each No. .800 3/8", 1/2", 5/8", 3/4", 7/8" and 1" Bits. Two each 9/16", 11/16", 13/16" Bits. Two No. 835 Power Bit Extensions.

Packed 1 in a box. Shipping weight: 8-1/4 lbs.

NO. 838 HEAVY DUTY POWER BITS

Sizes up to 1-1/2". Extra thick, high speed steel blades slice through wire nails and obstructions. Fit any 3/8" or larger drill and have milled flats for firm grip in chuck. May also be used in 1/4" drills with Shank Adapter or Quick-Change Chuck. Depth of cut: 7-3/8". Length overall: 8-3/8".

No.	Hole Diameter	Shank Diameter	Shipping Weight
838-5/8"	5/8"	3/8"	1-1/2 lbs.
838-3/4"	3/4"	3/8"	1-5/8 lbs.
838-7/8"	7/8"	3/8"	1-5/8 lbs.
838-1"	1"	3/8"	1-3/4 lbs.
Packed 6 in a box.			
838-1-1/8"	1-1/8"	1/2"	1-3/4 lbs.
838-1-1/4"	1-1/4"	1/2"	1-7/8 lbs.
838-1-3/8"	1-3/8"	1/2"	1-7/8 lbs.
838-1-1/2"	1-1/2"	1/2"	2 lbs.
Packed 4 in a box.			



NO. 8383 POWER BIT EXTENSION

14 inches long. Takes all sizes of 838 Power Bits and follows through behind 3/4" or larger bits. Chuck end: 3/8" with 3 milled flats.

Carded and packed 4 in a box. Shipping weight: 2-1/2 lbs.

NO. 8381 SHANK ADAPTER

Specially designed to permit use of No. 838 Series Power Bits and No. 8383 Power Bit Extension in 1/4" electric drills. 3/8" socket fits bits — 1/4" shank fits drill chuck.

Carded and packed 6 in a box.
Shipping weight: 3/4 lb.

NO. 8382 QUICK-CHANGE CHUCK

Pull back spring-loaded sleeve and slip 838 bit or 8383 Extension into socket. Release sleeve and ball locks tool in position. Chuck screws directly onto 3/8" — 24 spindles of 1/4" and 3/8" drills. No. 8384 Adapter available for use on 1/2" — 20 spindles of 1/2" drills.

Carded and packed 4 in a box.
Shipping weight: 1-1/8 lbs.

NO. 8380 POWER BIT MERCHANDISER

Colorful display with hard maple test block which shows how bits cut through nails and obstructions. Takes only 3" x 12-1/2" on counter or in window. Free with tools it displays. Two each of 8 sizes of No. 838 Power Bits. 1 each Shank Adapter and Quick-Change Chuck.

Packed 1 in a box. Shipping weight: 8 lbs.

NO. 400 "QUIK-BITS"

Available in six sizes from 3/8" to 1". "Quik-Bits" fit any 1/4" or larger electric drill chuck. "Hold-fast" hex shank gives non-slip drive and chucks quickly and accurately. Specially heat treated and tempered for long life. Cutting edges easily resharpened. Depth of cut—4-1/2". Overall length—6-1/4".

No.	Hole Diameter	Shank Diameter	Shipping Weight
400-3/8"	3/8"	1/4"	1 lb.
400-1/2"	1/2"	1/4"	1-1/8 lbs.
400-5/8"	5/8"	1/4"	1-1/8 lbs.
400-3/4"	3/4"	1/4"	1-1/4 lbs.
400-7/8"	7/8"	1/4"	1-3/8 lbs.
400-1"	1"	1/4"	1-5/8 lbs.

Carded and packed 10 in a box.

See page 8 for "Quik-Bit" Merchandiser.

NO. 4006 "QUIK-BIT" SET

Handy plastic pouch with "hang-up" holes keeps bit assortment together — ready to use. Easy-to-carry roll contains popular selection of six bit sizes: 3/8", 1/2" 5/8", 3/4", 7/8" and 1".

Packed 3 in a box.

"QUIK-CUT" HOLE SAWS

Cut holes up to 7/8" deep through metal, wood, plastics and composition materials with speed and ease. Increase capacity of 1/4" drills up to 1-1/8", 3/8" drills up to 1-1/2" and 1/2" drills up to 2-1/2". Follow-through design for extra-deep cuts. Knock-out holes provided. Slotted to fit other make mandrels similar to Millers Falls.

No.	Diameter Saw	For Conduit Sizes	For Pipe Sizes	Shipping Weight
*2710	5/8"	1/4"		1-7/8 oz.
2712	3/4"	3/8"		1-1/8 oz.
2714	7/8"	1/2"	3/4"	1-1/4 oz.
2716	1"			1-3/8 oz.
2718	1-1/8"	3/4"	1"	1-1/2 oz.
2720	1-1/4"			1-5/8 oz.
2722	1-3/8"	1"		1-5/8 oz.
2724	1-1/2"		1-1/4"	1-3/4 oz.
2726	1-5/8"			1-7/8 oz.
2728	1-3/4"	1-1/4"	1-1/2"	2-1/8 oz.
2732	2"	1-1/2"		2-3/8 oz.
2734	2-1/8"			3 oz.
2740	2-1/2"	2"		3-1/2 oz.

*Built-in Mandrel

Packed 1 in a box.

NOS. 2701 AND 2702 MANDRELS

No.			Ship. Wgt.
2701	Fits 3/4"—1-1/8"	Saws— 1/4" Shank	2-3/8 oz.
2702	Fits 1-1/4"—2-1/2"	Saws— 5/16" Shank	2-7/8 oz.

Packed 1 in a box.

See page 8 for "Quik-Cut" Hole Saw Merchandiser.

Write for Catalog SO-10 describing "Blu-Mol," "Deep-Cut," and Reblade Hole Saws.

NO. 888 DYNO-MITE POWER UNIT

The Start of a Complete Power Workshop

Here's one of the greatest time and work savers ever invented! Just as it comes, the 888 Power Unit is three tools in one — a powerful 3/8" drill, a 6-inch portable disc sander, and a 6" polisher. Add its amazing assortment of beautifully engineered, inexpensive attachments to make a *very complete power workshop — all for a small fraction of the cost of individually powered tools to perform the same work.*

Built for Performance

In every detail, this great tool is designed to give outstanding performance. For instance, all attachments are driven directly from the spindle (the chuck is used for drilling only). Thus the load is kept close to the bearings — wear and vibration are minimized. The rugged Universal AC-DC motor carries a *full 5.0 amp. rating.* Other features include: N.L. Speed of 3200 RPM . . . drilling capacity 3/8" diameter in metal — 1-1/2" diameter in wood.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 5.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Polished. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **BRUSHES:** Long life pigtail, accessible from without. **GEARS:** Finest hardened alloy steel. **CAPACITY:** 3/8" in steel, 1-1/2" in wood. **NO LOAD SPEED:** 3200 RPM. **NET WEIGHT:** 5-1/2 lbs. **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug. **STANDARD EQUIPMENT:** 3/8" geared key chuck, 6" rubber backing pad and spindle nut, three 6" sanding discs, 6" lamb's wool polishing bonnet, reversible side handle.

Packed complete in counter display carton.
Shipping weight: 10-3/4 lbs.

NO. 0888 POWER UNIT

Power Unit with rubber pad and spindle nut, but without chuck or any other accessories.

Packed 1 in a box. Shipping weight: 7-1/8 lbs.

NO. 1888 3/8" DRILL

The basic Power Unit with geared key chuck and side handle, but no other accessories.

Packed 1 in a box. Shipping weight: 7-1/4 lbs.

NO. 3888 POWER TOOL KIT

Here's a wonderful start toward a "Dyno-Mite" Power Workshop — a fitted steel carrying case containing the No. 888 Power Unit — plus the most used attachments: No. QC-882 Finish Sander, No. QC-886 Sabre Saw, No. QC-8811 6" Portable Circular Saw and No. 8006 Set of 6 Power Bits.

Packed 1 to a box. Shipping weight: 29 lbs.

NO. X888 COMPLETE POWER WORKSHOP

A really *complete* power workshop with a tool for practically every job, built around the versatile 888 Drill-Sander-Polisher and including the:

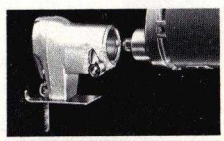
881 Bench Stand
QC-882 Finish Sander
883 6-1/4" Bench Saw
884 Saw Table Extensions (pair)
885 Saw Guard
QC-886 Sabre Saw
887 Jig Saw Table
889 6" Bench Sander
8810 Bench Grinder — 4" Medium Wheel
QC-8811 6" Portable Circular Saw
8812 Sanding Guide

Packed 1 in a box. Shipping weight: 70 lbs.

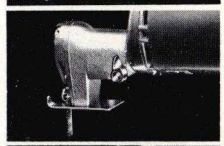
NEW QUIK-CHANGE ATTACHMENTS

Five attachments for the "888" are now available with Millers Falls on-and-off-in-seconds Quik-Change feature: No. QC-882 Finish Sander; No. QC-886 Sabre Saw; No. QC-8811 6" Portable Saw; No. QC-8818 Plane; No. QC-8821 Hedge Trimmer.

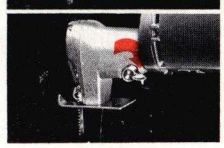
1 Line up the attachment with driver on spindle of No. 888 Power Unit.

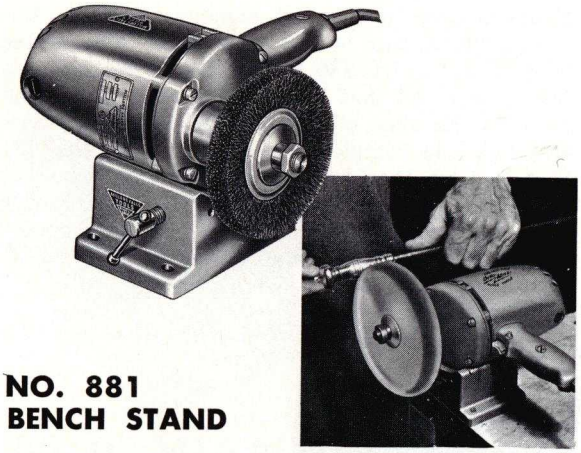


2 Engage the Power Unit with attachment.



3 Turn Quik-Change Lever and attachment is ready to operate.





NO. 881 BENCH STAND

Solidly bolted or screwed down, this sturdy, cast-iron base converts the No. 888 into a rugged general purpose bench power unit, providing steady drive for wire brush, buffing or grinding wheels with 1/2″ holes. Also used for operating the No. 889 Bench Sander, the No. 8810 Bench Grinder, and the No. 887 Bench Jig Saw. Base is 3-1/2″ x 5″. Supplied complete with No. 2115 Wheel Arbor.

Packed 1 in a box. Shipping weight: 2-1/2 lbs.

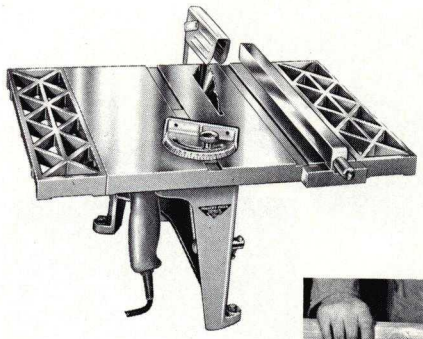
QUIK-CHANGE

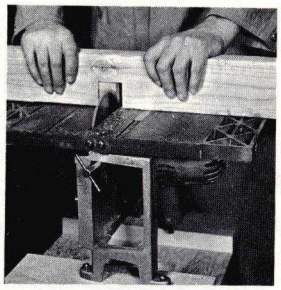
NO. QC-882 FINISH SANDER

This attachment is mounted and locked directly on the spindle and spindle housing of the No. 888 Power Unit. It is driven directly by the spindle, and its simple, smooth-running cam mechanism transforms rotary motion into orbital motion.

It produces an extremely smooth surface on wood, metal, plaster and other materials for applying fine, high lustre finishes. It sands with or across wood grain without leaving the slightest marks or whorls, and since the sanding shoe is backed with a sponge-rubber pad, wet as well as dry sanding and rubbing operations can be performed. A "must" for good cabinet work. Shoe size is 3-1/2″ x 7-1/2″, permitting use of standard abrasive sheets cut in thirds.

Packed 1 in a box. Shipping weight: 1-7/8 lbs.



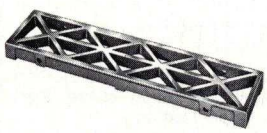


NO. 883 6-1/4″ BENCH SAW

Driven by the powerful No. 888 Power Unit, this extremely useful saw performs wonderfully. Depth of cut is quickly and easily adjustable from 0″ up to a capacity of 1-11/16″. The big table is 12-1/4″ wide, 13″ deep and 9-3/8″ high, with a full 6″ in front of the saw. Comes complete with graduated cut-off and mitering gauge, self-aligning rip fence, and high-quality 6-1/4″ combination blade. Table width can be increased to 18-1/4″ by adding extensions and a saw guard is available. See below.

Packed 1 in a heavy carton. Shipping weight: 29-3/4 lbs.

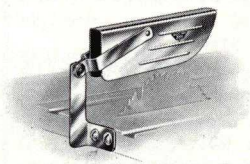
NO. 884 SAW TABLE EXTENSIONS



Rugged, well-designed extensions, 3″ wide x 13″ long, bolt to either side of the No. 883 Saw Table for greater work-surface when desired.

Packed 1 pair in a box. Shipping weight: 4-1/8 lbs.

NO. 885 SAW GUARD



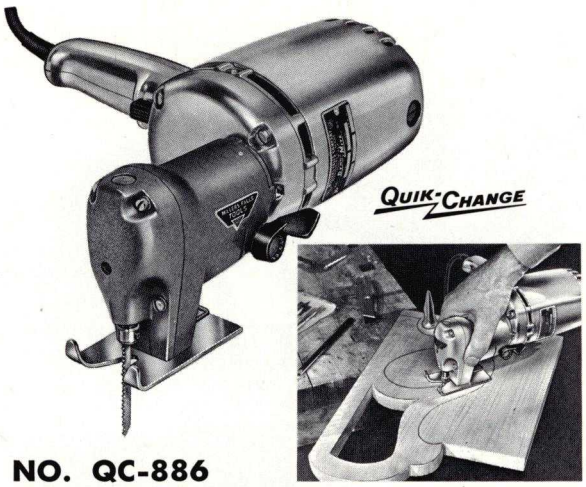
A highly desirable, self-elevating, protective accessory for the No. 883 Saw. Made of substantial steel stampings.

Packed 1 in a box. Shipping weight: 1/2 lb.

NO. 8812 SANDING GUIDE

This attachment provides positive control for freehand sanding and fastens directly to the housing of the No. 888 Power Unit at any desired angle.

Packed 1 in a box. Shipping weight: 7/8 lb.



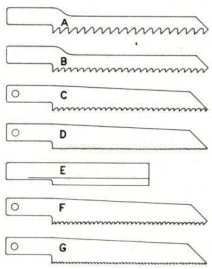
NO. QC-886 PORTABLE SABRE SAW

An extremely versatile and useful tool for sawing out intricate patterns in wood or metal. Ideal for making brackets, valances, weather vanes, house signs, etc. *Cuts its own starting hole in wood.*

Attachment clamps directly onto spindle housing of the No. 888 Power Unit and is direct-driven from the spindle by the collar provided. Four blades are supplied — 1 each of A, B, C and D. Capacity 1-3/4" in wood, 1/8" in metal.

Packed 1 in a box. Shipping weight: 1-1/2 lbs.

EXTRA BLADES



A — 7-Tooth Wood Cutting
B — 10-Tooth Wood Cutting
C — 14-Tooth High Speed Steel Metal Cutting
D — 32-Tooth High Speed Steel Metal Cutting
E — Knife (for felt, plastics, cardboard, sponge rubber, etc.)
F — 18-Tooth High Speed Steel Metal Cutting
G — 24-Tooth High Speed Steel Metal Cutting

Packed 3 blades in an envelope — 30 blades per box. Shipping weight: 1/4 lb.

NO. 2141 — Set of 4 (1 each A, B, C and D as above) in plastic pocket.

Packed 10 sets in a box. Shipping weight: 3/8 lb.

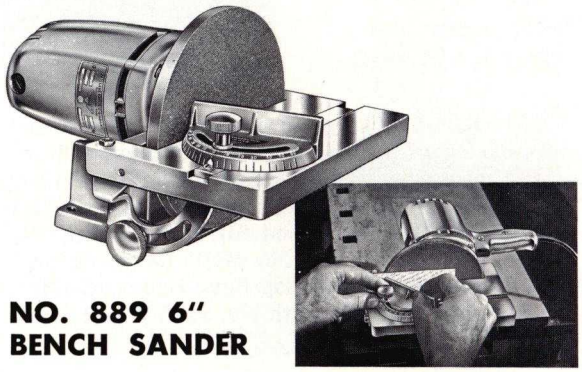
The above blades are also used with the No. 560 Sabre Saw (see page 60).

NO. 887 JIG SAW TABLE

Projects such as puzzles, monograms and intricate designs can be cut out easier and better when the No. QC-886 Sabre Saw is set up as a bench unit. All that is necessary is to attach the table to the shoe of the No. QC-886 Sabre Saw and lock the complete assembly in the No. 881 Stand. Note that the sabre saw is attached at right angle to the handle of the No. 888 Power Unit so that the table is parallel to the bench.

The table is a heavy steel stamping 8" by 8" square.

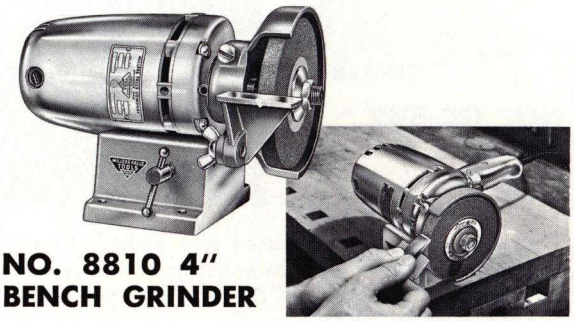
Packed 1 in a box. Shipping weight: 1-1/2 lbs.



NO. 889 6" BENCH SANDER

Does a fine job of wood sanding or metal polishing at angles and even compound angles. Table is 5-3/8" x 8" with 3-3/4" in front of disc. It can be tilted to 45°. Graduated angle gauge. Adjusting screw provided for correcting normal 90° table-to-disc angle. The 6" disc is driven directly off spindle of No. 888 Power Unit after it has been mounted on the No. 881 Stand. Sander table and frame attach directly to the Power Unit.

Packed 1 in a box. Shipping weight: 5-1/2 lbs.



NO. 8810 4" BENCH GRINDER

Converts the No. 888 Power Unit into a handy, smooth operating bench grinder. Wheel is well-guarded for safety. Work rest is adjustable for both angle and diameter of wheel.

The cast-iron guard clamps directly to the spindle housing of the No. 888 Power Unit. The grinding wheel is 4" medium grit with 1/2" face and hole. It is mounted on the arbor supplied, which screws directly on the spindle of the No. 888 Power Unit after it has been clamped into the No. 881 Bench Stand.

Packed 1 in a box. Shipping weight: 2-3/8 lbs.

NO. QC-8811 6″ PORTABLE SAW

This attachment makes the 888 into a husky 6″ portable saw. The shoe is a rigid steel stamping 6″ wide and 10-1/2″ long, with a sturdy rip guide. Depth of cut — adjustable from 0″ to 1-7/8″ — enough to handle finished 2x4's. Angle adjustments from 90° to 45°. For safety a cast aluminum, telescoping saw guard is provided.

Whether cross-cutting or ripping, this 6″ saw will cut through cleanly and swiftly for a smooth, accurate cut time and time again. Heavy duty assignments yield easily to this rugged unit that makes light work of heavy jobs.

Packed 1 in a box. Shipping weight: 4-1/2 lbs.

NO. QC-8818 PLANE ATTACHMENT

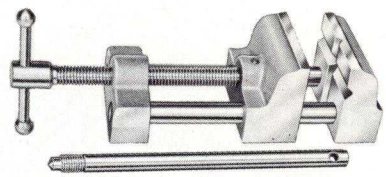
The No. QC-8818 converts the No. 888 Power Unit into a nicely balanced portable power plane. It can also be used as a jointer when mounted on a No. 881 Bench Stand. A swing-out cutter guard is supplied. Bevel cuts can be made over a range of 130°. Depth of cut may be set from 0″ to 1/8″. The No. QC-8818 Plane Attachment is a fine quality tool of die-cast aluminum, with black enameled hardwood handle. Cutter is of tool steel, 2″ wide, 30° spiral, 1-1/8″ diameter. Oilite flange bearing.

Packed 1 in a box. Shipping weight: 3-1/8 lbs.

NO. 8814 DRILL PRESS STAND

This solid, ruggedly built stand has a 27″ column 1-1/4″ in diameter and a heavy 12″ x 8″ cast iron base with machined 7″ x 7″ working surface. Powerful feed pressure can be applied, and depth can be closely controlled by adjustable stop to 2-1/4″ maximum. Coil spring return. Clearance, chuck to column: 5-3/8″.

Packed 1 in a box. Shipping weight: 22-1/4 lbs.



NO. 8816 DRILL PRESS VISE

The No. 8816 Vise — built for the No. 8814 — can also be used with practically any other drill press. Capacity: 3″. Width of jaws: 2-1/2″. Front jaw has milled slots for gripping round and irregular shaped stock. Equipped with safety rod.

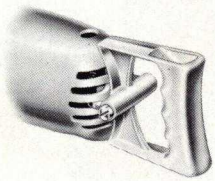
Packed 1 in a box. Shipping weight: 3-5/8 lbs.

NO. 8815 SPEED REDUCER

Cuts the 888's speed 7 to 1 (3200 to 460 RPM) and provides high torque for drilling masonry, etc. Uses 888's 3/8″ chuck or No. 19382 1/2″ chuck.

Packed 1 in a box. Shipping weight: 1-5/8 lbs.

NO. 8817 AUXILIARY SPADE HANDLE



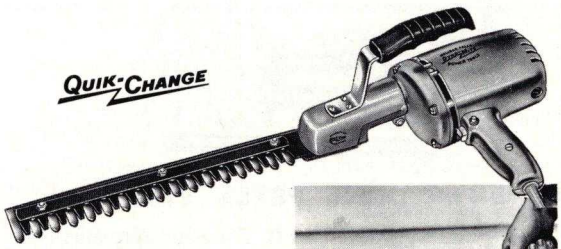
Makes it possible to apply ample pressure directly in line with drill — resulting in faster cutting . . . better control . . . less drill breakage.

Packed 1 in a box. Shipping weight: 5/8 lb.

NO. 8820 FLOOR POLISHER ATTACHMENT

This easy-to-operate Floor Polisher Attachment is designed especially for the lady of the house. Powered by the No. 888 Power Unit, it produces matchless floors with a minimum of effort — and for a fraction of the cost of a self-powered polisher. It has floating "Twin-Six" brushes for wide, smooth mirror polishes and a "Vinylite" protective bumper for reaching tight corners without baseboard marring. It's built and balanced for easy use anywhere.

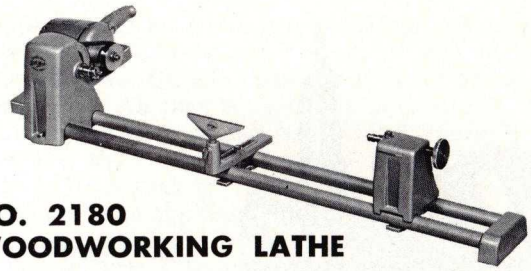
Packed 1 in a shipper display carton. Shipping weight: 14 lbs.



NO. QC-8821 HEDGE TRIMMER ATTACHMENT

Lightweight but rugged, the No. QC-8821 Attachment clamps onto the No. 888's spindle housing and is direct driven by the spindle for positive power. The big 12" blade has 16 self-sharpening sabre teeth. Cutting capacity is 3/8". Black plastic handle is formed to fit the hand. Aluminum alloy housing is finished in hammertone gray enamel.

Packed 1 in a counter display box. Shipping weight: 3-3/8 lbs.



NO. 2180 WOODWORKING LATHE

Rigid, vibration-free, easy to operate. Driven by the No. 888 Power Unit, this ruggedly built lathe turns work up to 8" in diameter and 30" long. Accessories include:

No. 2181 Motor Mount
No. 2182 18" Tool Rest
No. 927 6" Face Plate

See page 25 for full details.

NO. 8819 FITTED STEEL CARRYING CASE for No. 888 and Portable Attachments.

NO. 9634 CUP WIRE BRUSH. Useful for cleaning and burnishing inside surfaces difficult to reach with regular wire wheel brush. 2-3/4" diameter.

NO. 9666 SANDING DISCS. High grade 6" Aluminum Oxide discs. Three grits available — coarse, medium and fine. Packed 6 discs in cellophane envelope — either assorted grits or all the same.

NO. 9667 LAMB'S WOOL BONNET. High grade, genuine lamb's wool for polishing and waxing. Fits snugly over rubber pad. 6" diameter.

NO. 9669 BUFFING WHEEL. For cleaning and polishing silver, copper, brass and other metals. Made of fine quality cotton, 20-ply, stitched. 6" diameter.

NO. 9672 6" RUBBER PAD complete with No. 19209 Spindle Nut and No. 1182 Spacer.

NO. 103232 KEY (Jac. #KR). For No. 19382 1/2" Chuck.

NO. 103287 KEY (Jac. #KK). For No. 19590 3/8" Chuck.

NO. 19382 1/2" JACOBS GEARED KEY CHUCK (#MC-10R64).

NO. 19590 3/8" JACOBS GEARED KEY CHUCK (#MC-4K61).

NO. 23093 GRINDING WHEEL. Medium grit for all around sharpening and grinding use. 4" x 1/2" with 1/2" hole.

NO. 23094 WIRE BRUSH WHEEL Medium wire for general scratching and cleaning. 4" diameter.

NO. 23096 HIGH-SPEED TWIST DRILL SET. 13 sizes from 1/16" to 1/4" by 64ths. High speed steel. For use in steel, iron, hardwood, plastic, etc.

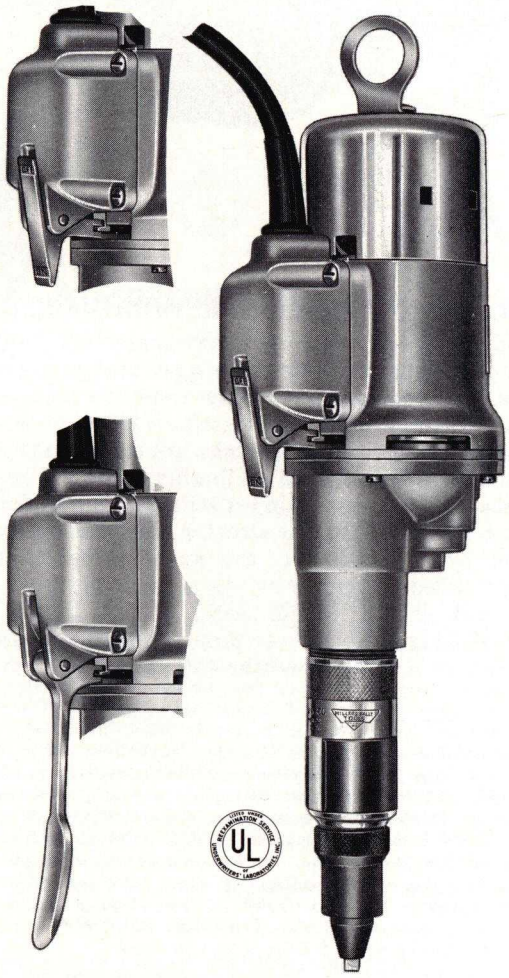
NO. 23107 DRILL HOLDER. 13 numbered holes for drill set above.

NO. 25632 2" CUTTER for No. QC-8818 Plane Attachment.

NO. 2115 SPINDLE WHEEL ARBOR. For operating buffing, grinding, and wire brush wheels.

ELECTRIC TOOL GREASE. No. 19316 4-oz. tube. No. 19317 5-lb. can.

screwdrivers



NO. 50 SCREWDRIVER

A combination of power to spare, sensitive torque control and rugged dependability explain why the No. 50 Screwdriver is respected on the world's production lines as the best electric screwdriver made. It handles the whole wide range of applications from tiny, delicate assemblies up to the high torque requirements of #12 wood and 1/4" machine screws.

Quality is the keystone of the No. 50 with such features as: unique rocker ring construction for extra-long brush life . . . specially designed armature developed and built by Millers Falls to assure long-lasting, dependable service . . . built-in reversing switch . . . interchangeable switch levers . . . quick-change chuck . . . and the famous, patented "Adjustomatic"® Clutch for precise torque control.

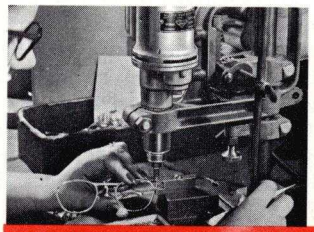
The No. 50 comes equipped with a heavy clutch spring. With interchangeable medium, light and extra light springs, which may be installed quickly and easily, the tool can handle practically unlimited range.

Lightweight (only 4-3/8 lbs.) and nicely balanced, it can be mounted easily over the bench to align perfectly with the work, or used freehand with the same accuracy and positive control. With the Nos. 1025 (25°) and 1033 (90°) Angle Attachments, it also quickly sets those tough-to-reach screws in offset or enclosed positions.

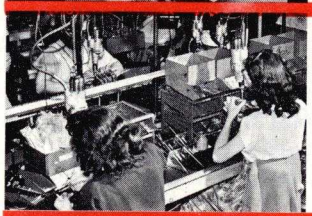
MOTOR: AC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 1.7 at 115 volts. **HOUSING:** Lightweight, cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature and spindle. **GEARS:** Heat treated alloy steel. **SWITCH:** Long life, trouble free AC double pole. Interchangeable paddle and trigger levers. **CHUCK:** Quick-change—1/4" hex. **CAPACITY:** #12 x 1-1/2" wood screws. 1/4" machine screw. **NO LOAD SPEED:** Models available for high and low torque applications: 800, 1200, 2000, and 3000 RPM. **NET WEIGHT:** 4-3/8 lbs. **OVERALL LENGTH:** 10-5/8". **CORD:** 10 feet, 18-gauge, 3-conductor, Type SJ, with molded plug. **CLUTCH SPRING:** Heavy spring is standard equipment. Medium, light, or extra light springs supplied on request. **STANDARD EQUIPMENT:** 1 each 3/4" bit and sleeve for #6, 8, and 10 screws. Clutch adjusting spanner.

Packed 1 in a box. Shipping weight: 6 lbs.

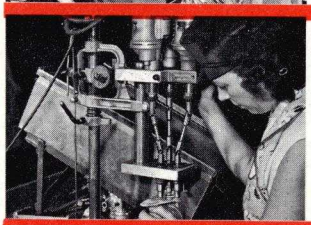
See pages 36 and 37 for Stands, Accessories and Supplies.



EYE GLASS FRAMES. Driving tiny optical screws — traditionally an "impossible" job for a power driver. Yet Millers Falls drivers are doing it — and cutting labor costs 64%.



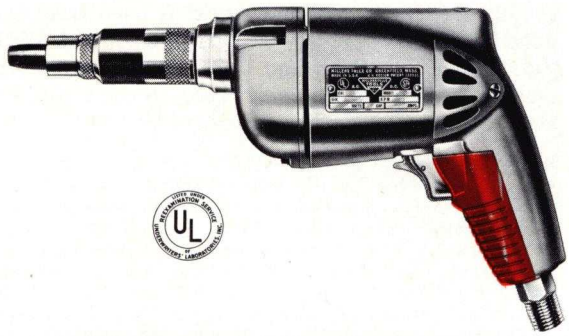
TV TUNERS. High power combined with hair-fine torque control — two qualities that won the nod for Millers Falls over competing screwdrivers on this very exacting application.



WINDSHIELD WIPERS. Ingenious, multiple-driver installations like this are one secret of the success of a leading manufacturer in this highly competitive field.

MINIATURE MOTORS. Driving self-tapping screws without stripping or splitting a thin plastic housing is an exacting job. But with the No. 50 it's fast and easy — with actual production increase of 110%.

HEATING CONTROLS. Speed, accuracy, economy — on all three counts, this manufacturer chose Millers Falls after extensive tests with other electric and pneumatic drivers.



NO. 420 SERIES SCREWDRIVERS

High speed production lines require accurate, high speed tools for maximum efficiency. Proved time and time again for reliability on exacting production requirements, is the No. 420 Series of Electric Screwdrivers. Fast and powerful, these drivers handle machine and wood screw applications for those thousands of production assembly jobs where myriads of screws and nuts must be driven rapidly and securely. Vibrationless action, uniform torque delivery, and sensitive adjustability are certainties with the exclusive "Adjustomatic" Clutch, a patented Millers Falls feature.

To meet the needs of manufacturers faced with varying requirements found in different applications, four models in different speeds are available. The 1600 and 800 RPM units are recommended for general all around use. The 500 RPM high-torque model is for sheet metal screws, self-tapping screws and wood screws in hard wood. The 2500 RPM unit is suggested for running nuts on long studs and similar fasteners.

The Nos. 1025 (25°) and 1033 (90°) Angle Attachments are available for reaching screws in offset positions and small enclosures.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2.) 115 only for models with reversing switches. **AMPERES:** 2.2 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball and needle bearings throughout. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, with lock and automatic trigger release. Available with reversing switch at slight extra cost. **CHUCK:** Quick-change — 1/4" hex. **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug. **CLUTCH SPRING:** Heavy spring is standard equipment. Medium, light, or extra light springs supplied on request. **STANDARD EQUIPMENT:** 1 each bit and centering sleeve for #6, 8, and 10 screws. Clutch spanner.

Catalog Number	420	430	440	445
Capacity				
Machine Screws	1/4"	1/4"	1/4"	1/4"
Wood Screws	#10 1-1/4"	#10 1-1/4"	#12 1-1/2"	#12 1-1/2"
No Load Speed	1600 RPM	2500 RPM	800 RPM	500 RPM
Overall Length	12-1/4"	12-1/4"	12-5/8"	12-5/8"
Net Weight	4 lbs.	4 lbs.	4-1/4 lbs.	4-1/4 lbs.
Shipping Weight	6-1/8 lbs.	6-1/8 lbs.	6-1/4 lbs.	6-1/4 lbs.

Packed 1 in a box.

ASSEMBLY OPERATIONS on wooden frameworks, doors, crates, boat hulls, etc. requiring freehand power driving in materials with varying resistance are made to order for the No. 4420 Series Positive Clutch Screwdrivers. Here a No. 4445 drives large, flat head screws rapidly and to uniform depth. Geared to 700 RPM for high-torque driving, the No. 4445 can be controlled so accurately that no finder or centering sleeve is necessary.

NO. 4420 SERIES SCREWDRIVERS

Production driving of screws in materials of different density and structure with uneven resistance calls for variable torque, sensitive feed and instantaneous control. The No. 4420 Series of Positive Clutch Screwdrivers combine these three key characteristics in a highly efficient way. These drivers are equipped with a unique plate-clutch mechanism. The greater the pressure applied by the operator, the greater the torque transmitted to the screw. As soon as pressure is released, driving action ceases.

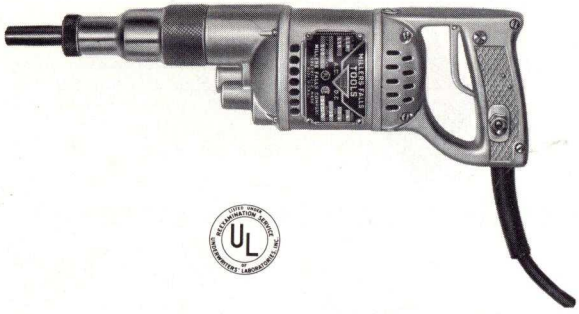
Weighing slightly over 3 lbs., they can be used for hours without operator fatigue.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2.) 115 only for models with reversing switches. **AMPERES:** 2.7 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball and needle bearings throughout. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, with lock and automatic trigger release. Reversing switch available at slight extra cost. **CHUCK:** Quick-change — 1/4" hex. **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** 1 each bit and centering sleeve for #6, 8, and 10 screws.

Catalog Number	4420	4440	4445
Capacity			
Machine Screws	1/4"	1/4"	1/4"
Wood Screws	#10—1-1/4"	#12—1-1/2"	#12—1-1/2"
No Load Speed	1900 RPM	1000 RPM	700 RPM
Overall Length	9-5/8"	10"	10"
Net Weight	3-3/8 lbs.	3-1/2 lbs.	3-1/2 lbs.
Shipping Weight	5-1/8 lbs.	5-1/4 lbs.	5-1/4 lbs.

Packed 1 in a box.

See pages 36 and 37 for Stands, Accessories and Supplies.

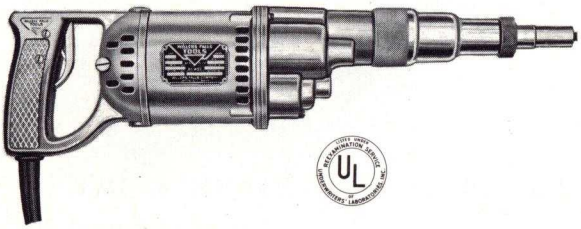


NO. 11 SCREWDRIVER

This husky driver tackles those rugged applications that call for plenty of power and plenty of torque. Built for heavy duty use, it takes over from standard duty screwdrivers and with the No. 22 covers the high-torque range up to the point where the No. 777 Impact Wrench should be used. Equipped with reversing switch . . . ball bearing armature . . . and smooth-acting adjustable clutch.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. **AMPERES:** 2.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature. Bronze spindle bearings. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, fully enclosed reversing switch. **CAPACITY:** #16-2" wood screws. 3/8" machine screws. 5/16" bolts. **NO LOAD SPEED:** Standard, 500 RPM. Specials, 700 and 1000 RPM. (No extra charge for special speeds.) **NET WEIGHT:** 7-1/2 lbs. **OVERALL LENGTH:** 16-1/2". **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug. **CLUTCH SPRING:** Heavy spring is standard equipment. Light or medium springs supplied on request. **STANDARD EQUIPMENT:** 1 each bit and centering sleeve for #8 and 12 screws.

Packed 1 in a box. Shipping weight: 9-1/4 lbs.



NO. 22 SCREWDRIVER

A real workhorse with plenty of torque to handle wood screws up to #20—2-1/2", machine screws and bolts up to 3/8". Built-in reversing switch. Super-sensitive "Adjustomatic" Clutch.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. **AMPERES:** 3.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball bearing armature. Bronze spindle bearings. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, fully enclosed reversing switch. **CAPACITY:** #20—2-1/2" wood screws. 3/8" machine screws and bolts. **NO LOAD SPEED:** Standard, 500 RPM. Specials, 700 and 1000 RPM. (No extra charge for special speeds.) **NET WEIGHT:** 9-5/8 lbs. **OVERALL LENGTH:** 18-1/2". **CORD:** 10 feet 18-gauge, 3-conductor, Type S, with molded plug. **CLUTCH SPRING:** Heavy spring is standard equipment. Light and medium springs supplied on request. **STANDARD EQUIPMENT:** 1 each bit and centering sleeve for #12 and 16 screws, No. 88 Auxiliary Handle, and clutch adjusting spanner.

Packed 1 in a box. Shipping weight: 13 lbs.

NO. 2862 DRIVER-DRILL

It's a high-torque, positive drive, reversing screwdriver . . . it's a rugged 3/8" power drill . . . *all in one tool!* Spans complete range of driving jobs — heavy duty to delicate precision fastenings. Delivers speed and ease of "production driving" with safety and sensitive control of a hand screwdriver. Ideal for all kinds of assembly, disassembly and installation jobs.

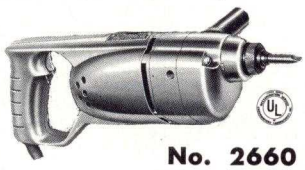
Hex socket fits all bits, extensions and adapters with 1/4" hex shank, including the special geared key chuck which converts driver into drill.

Reversing switch location in molded box on top of tool requires operator to remove hand from normal operating position to reverse tool's action. This eliminates accidental operation of switch.

ALSO AVAILABLE AS HIGH-TORQUE SCREWDRIVERS

(without No. 19591 Drill Chuck)

No. 2860
Pistol Grip



No. 2660
Saw Grip

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGE:** 115 or 230. **AMPERES:** 2.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Ball thrust spindle. Others self-lubricating bronze. **GEARS:** Hardened alloy steel. **SWITCH:** Single pole, with lock and automatic trigger release. Separate "safety-position" reversing switch. **CHUCK:** Quick-change—1/4" hex. Special 3/8" geared key drill chuck with 1/4" hex shank is available. **CAPACITY:** Wood screws #14—3". Machine screws, 1/4". **NO LOAD SPEED:** 275 RPM. **NET WEIGHT:** (Nos. 2862, 2860) 3-5/8 lbs., (No. 2660) 3-1/2 lbs. **OVERALL LENGTH:** (Nos. 2862, 2860) 8-3/4", (No. 2660) 11-1/2". **CORD:** 7 feet, 18-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** No. 19591 Geared Key Chuck (with No. 2862 only), No. 17181 Bit and No. 14903 Finder for #8 slotted head screws and No. 17184 Bit and No. 14904 Finder for #10 — 12 slotted head screws, Finder Cap and Spring, Auxiliary Side Handle.

No. 2862— Packed 1 in a display carton. Ship. wgt.: 5-1/2 lbs.
No. 2860—Packed 1 in a box. Ship. wgt.: 4 lbs.
No. 2660—Packed 1 in a box. Ship. wgt.: 4 lbs.

For special voltages, write for details.

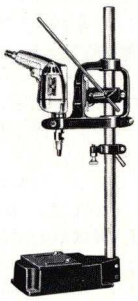
SCREWDRIVER ACCESSORIES

NO. 5014 HORIZONTAL STAND

Converts the No. 50 Screwdriver into an efficient bench unit. Holds the tool rigidly to receive the work. Chuck to table: 5-3/4". Height: 5-1/4". Base: 4-1/2" x 2". Net weight: 1-7/8 lbs.

Packed 1 in a box. Shipping weight: 2-1/8 lbs.

NO. 3160 DRILL PRESS STAND



For use with the Nos. 50, 420, 430, 440, and 445 Screwdrivers. Lever operated rack feed provides sensitive control. Can be set up for foot operation with No. 3163 Treadle Equipment. Chuck to table: 16-1/2". Overall height: 27-7/8". Base: 11-1/4" x 6-1/4". Net weight: 21-1/2 lbs.

Packed 1 in a box. Shipping weight: 24-1/2 lbs.

NO. 1514 DRILL PRESS STAND

Fits the Nos. 11 and 22 Screwdrivers. Specifications and description are on page 15.

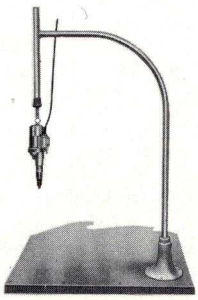
NO. 3163 TREADLE EQUIPMENT

This accessory can be used on Nos. 1514, 3160 and 1238 Drill Press Stands. It enables the operator to apply the driving pressure by foot, leaving both hands free to hold the work.

When ordering, specify stand with which Treadle Equipment is to be used.

Packed 1 in a box. Shipping weight: 21 lbs.

NO. 3344 GOOSE NECK STAND



For screwdrivers Nos. 11, 22 and 50. Permits driving at any angle and over a broad working area. The overall height is 50" which allows the stand's use on work of considerable bulk. Particularly useful where a Suspension Balance cannot be installed conveniently. Base diameter is 6-1/4".

Packed 1 in a box. Shipping weight: 11 lbs.

SUSPENSION BALANCES

Keep work area clear. Eliminate operator fatigue. Smooth spring action. 2 sizes: 5 and 10 lb. capacities. Complete data on page 16.

NO. 1025 ANGULAR ATTACHMENT

This handy attachment permits driving at 25° offset angle with Screwdrivers Nos. 50, 420, 430, 440, and 445. It is driven by two universal joints. Quickly attaches to the drivers.

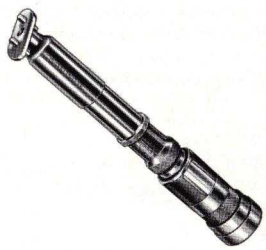
Packed 1 in a box. Shipping weight: 3/4 lb.

NO. 1033 RIGHT ANGLE DRIVE

A useful accessory which enables Nos. 50, 420, 430, 440, and 445 screwdrivers to be operated at a 90° angle, reaching screws and nuts in difficult locations. Ball bearing construction.

Packed 1 in a box. Shipping weight: 1-1/4 lbs.

NO. 23065 SCREW LOCATER



Eliminates breakage and damage when installing perforated tile. Fits Screwdrivers Nos. 420, 430, 440, and 445. Supplied with 5/32" and 3/16" Pilot Pins, 1/2" and 17/32" hole spacing Face Plates and 3 No. 2 x 2-1/2" bits. Net weight: 1/2 lb.

Packed 1 in a box. Shipping weight: 5/8 lb.

NO. 19591 HEX SHANK CHUCK

This quick-change, 3/8" geared key chuck with 1/4" hex shank fits Driver-Drill and other screwdrivers. Thus a single tool can drill pilot holes and also drive screws.

Packed 1 in a box. Shipping weight: 5/8 lb.

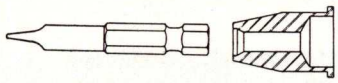
NO. 103157 1/4" HEX SHANK

Fits any drill chuck with 3/8"—24 thread. Chuck may then be used with any Millers Falls Driver-Drill or screwdriver.

ELECTRIC TOOL GREASE

This special, lithium-base grease is ideal for lubricating gears, ball bearings and sleeve bearings. No. 19316 4-oz. tube. No. 19317 5-lb can.

SCREWDRIVER BITS, FINDERS, AND SOCKETS



STANDARD STEEL BITS AND FINDERS FOR SLOTTED HEAD SCREWS

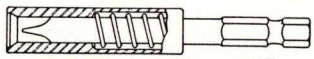
1/4" Hex Shank, 1 27/32" Length

Screw Size	Bit No.	Finder No.
2	17172	17035
4	17175	14901
6	17178	14902
8	17181	14903
10-12	17184	14904
14	17381	17380

SPECIAL TEMPER BITS AND FINDERS FOR SLOTTED HEAD HARDENED SCREWS

1/4" Hex Shank, 1 27/32" Length

Screw Size	Bit No.	Finder No.
2	18752	17035
4	18753	14901
6	18754	14902
8	18755	14903
10-12	18788	14904
14	18789	17380



STANDARD STEEL BITS AND FINDERS FOR SLOTTED HEAD SCREWS

1/4" Hex Shank, 3 19/32" Length

Screw Size	Bit and Finder	Bit only	Finder only
2	18588	18589	18592
4	18579	18581	18583
6	18571	18572	18575
8	18596	18598	18600
10-12	18604	18606	18608
14	18612	18614	18616

1/4" Hex Shank, 5 3/32" Length

2	18590	18591	18592
4	18580	18582	18583
6	18573	18574	18575
8	18597	18599	18600
10-12	18605	18607	18608
14	18613	18615	18616

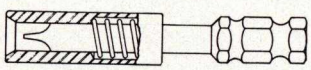
SPECIAL TEMPER BITS AND FINDERS FOR SLOTTED HEAD HARDENED SCREWS

1/4" Hex Shank, 3 19/32" Length

Screw Size	Bit and Finder	Bit only	Finder only
2	18756	18772	18592
4	18758	18774	18583
6	18768	18776	18575
8	18770	18778	18600
10-12	18784	18780	18608
14	18786	18782	18616

1/4" Hex Shank, 5 3/32" Length

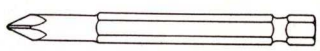
2	18757	18773	18592
4	18759	18775	18583
6	18769	18777	18575
8	18771	18779	18600
10-12	18785	18781	18608
14	18787	18783	18616



BITS AND FINDERS — 7/16" Hex Shank

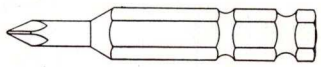
Screw Sizes F.H.	Screw Sizes R.H.	L	Bit and Finder	Bit only	Finder only
6-7	8-9	3 1/2"	19001	13411	19025
		5"	19002	13412	19025
		7"	19003	13413	19025
		9"	19004	13414	19025
8-9	10-11	3 1/2"	19005	13415	19026
		5"	19006	13416	19026
		7"	19007	13417	19026
		9"	19008	13418	19026
10-11	12	3 1/2"	19009	13419	19027
		5"	19010	13420	19027
		7"	19011	13421	19027
		9"	19012	13422	19027
12	14	3 1/2"	19013	13423	19027
		5"	19014	13424	19027
		7"	19015	13425	19027
		9"	19016	13426	19027
14	16	3 1/2"	19017	13427	19028
		5"	19018	13428	19028
		7"	19019	13429	19028
		9"	19020	13430	19028
16	18	2 1/2"	19021	13431	19029
		4"	19022	13432	19029
		6"	19023	13433	19029
		8"	19024	13434	19029
18	20	2 1/2"	19456	13435	19029
		4"	19457	13436	19029
		6"	19458	13437	19029
		8"	19459	13438	19029
20		2 1/2"	19460	13439	19029
		4"	19461	13440	19029
		6"	19462	13441	19029
		8"	19463	13442	19029

PHILLIPS BITS



1/4" Hex Shank

Part No.	Point Size	Length	Diameter
17238	1	1 27/32"	3/16"
17239	1	3 1/2"	3/16"
17240	1	6"	3/16"
17241	2	1 27/32"	1/4"
17242	2	3 1/2"	1/4"
17243	2	6"	1/4"
17244	3	1 27/32"	5/16"
17245	3	3 1/2"	5/16"
17246	3	6"	5/16"



7/16" Hex Shank

19465	2	3 1/2"	1/4"
19466	3	3 1/2"	5/16"
19467	4	3 1/2"	3/8"

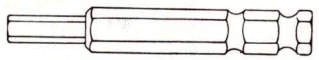
REED & PRINCE BITS

1/4" Hex Shank

Part No.	Length	Diameter
17389	1 27/32"	3/16"
17615	3 1/2"	1/4"
17616	6"	1/4"

7/16" Hex Shank

17829	3 1/2"	1/4"
17830	3 1/2"	5/16"
17831	3 1/2"	3/8"



BITS FOR HEXAGON SOCKET SCREWS

1/4" Hex Shank

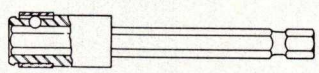
SCREW SIZES

Part No.	Cap Screw	F.H. Machine Screw	Set Screw	Bit Size
18899	4	4	5-6	1/16"
18900	—	5-6	8	5/64"
18901	5-6	8	10-12	3/32"
18902	8	10-12	1/4	1/8"
18903	10-12	1/4	5/16	5/32"
18904	1/4	5/16	3/8	3/16"
18905	5/16	3/8	7/16	7/32"

7/16" Hex Shank

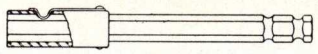
19335	10-12	1/4	5/16	5/32"
19336	1/4	5/16	3/8	3/16"
19337	5/16	3/8	7/16	7/32"
19338	—	7/16	1/2	1/4"
19339	3/8-7/16	1/2	5/8	5/16"
19340	1/8-5/16	5/8	3/4	3/8"

BIT EXTENSIONS



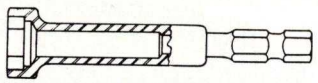
1/4" Hex Shank

Part No.	Hex Shank	Length
23208	1/4"	4"
23209	1/4"	6"
23210	1/4"	8"
23318	1/4"	10"



7/16" Hex Shank

2832	7/16"	10"
2833	7/16"	12"
2834	7/16"	14"
2835	7/16"	16"
2836	7/16"	20"



DEEP DRIVE SQUARE AND HEXAGON SOCKETS

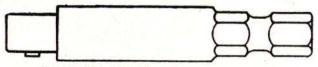
Available only with 1/4" Hex Shank
Lengths: 2 1/16", 4 3/4", 7 7/8"
Specify length desired when ordering

Square Sockets — Depth of Drive 1 7/16"

Part No.	Socket Size	Outside Diameter
13264	1 3/16"	23/64"
13224	1/4"	31/64"
13225	5/16"	9/16"
13226	11/32"	37/64"
13227	3/8"	21/32"
22218	7/16"	23/32"

Hexagon Sockets — Depth of Drive 1 7/16"

13220	1/4"	3/8"
13263	9/32"	7/16"
13221	5/16"	31/64"
13222	11/32"	33/64"
13223	3/8"	9/16"
2913	7/16"	21/32"



SOCKET WRENCH ADAPTERS

1/4" Hex Shank

Part No.	Size	Length
GM 3042	1/4"	2"
GM 3043	1/4"	3"
GM 3046	1/4"	6"
18163	3/8"	15/8"

7/16" Hex Shank

A-3001	3/8"	2 3/4"
A-3002	3/8"	5"
A-3011	1/2"	2 3/4"
A-3012	1/2"	5"

HEXAGON SOCKETS

1/4" Square Drive Opening
(Use with 1/4" Hex Shanks)

Part No.	Size
GM 8	1/4"
GM 9	9/32"
GM 10	5/16"
GM 11	11/32"
GM 12	3/8"
GM 14	7/16"
GM 16	1/2"

3/8" Square Drive Opening

PF 120	3/8"
PF 140	7/16"
PF 160	1/2"
PF 180	9/16"
PF 190	19/32"
PF 200	5/8"
PF 220	11/16"
PF 240	3/4"

1/2" Square Drive Opening

P 140	7/16"
P 160	1/2"
P 180	9/16"
P 200	5/8"
P 220	11/16"
P 240	3/4"
P 250	25/32"
P 260	13/16"
P 280	7/8"
P 300 1/2	15/16"
P 320 1/2	1"

DOUBLE SQUARE SOCKETS

1/2" Square Drive Opening

P 412	3/8"
P 414	7/16"
P 416	1/2"
P 418	9/16"
P 420	5/8"
P 422	11/16"
P 424	3/4"
P 426	13/16"
P 428	7/8"
P 432	1"

SPECIAL TORSION SPRINGS FOR ADJUSTABLE CLUTCH SCREWDRIVERS

Number	Type	Range Medium Screws
14899	Heavy	#4 to 1/4"
18206	Medium	#4 to #10
19575	Light	#4 to #6
17654	Extra Light	#4 and smaller

No. 2866 BIT KIT. Contains four No. 17178 Bits, four No. 17181 Bits, four No. 17184 Bits, two No. 17238 Bits, four No. 17241 Bits, two No. 17244 Bits, two No. 14902 Finders, two No. 14903 Finders, two No. 14904 Finders, and two No. 18163 Socket Wrench Addpters. Packed in a sturdy metal box.

impact wrench

NO. 777 ADVANCED DESIGN IMPACT WRENCH

For automobile mechanics, service and maintenance men, assembly and installation experts. Here's a powerful new impact wrench that will out-perform and out-last any electric tool in its class. It saves up to 80% or 90% of the time required for running, setting or removing nuts, bolts and screws — and completely without kick, twist or fatigue to the operator.

The motor provides full power in either direction. It runs continuously, and cannot be overloaded or stalled . . . no motor burnouts! Major new improvements include beryllium copper rocker ring contacts and terminals, unit thrust bearings both for spring and impact mechanism, chrome alloy steel balls and larger planet gear pins in a new three planet system. The balance is excellent and the tool is easily controlled with one hand. When the tool is reversed — by turning the rear end cap from "FWD" to "REV" or vice versa — the brushes are automatically positioned to give the best commutation and highest efficiency.

The anvil, hammer and planetary gear cage are forged from selected alloy steel and heat treated for long, hard service. Heavy, reinforced die cast housing. The entire tool can be completely disassembled with hex key wrench supplied . . . no arbor press is required. The simplicity of design throughout is a guarantee of continuous trouble-free performance.

RUNS and REMOVES NUTS 1/4" to 3/8" (5/8")

SETS or REMOVES STUDS 1/4" to 3/8" (1/2")

TAPS #10 to 1/2" (5/8")

THREADS and RETHREADS #10 to 1/2" (5/8")

DRIVES MACHINE and WOOD SCREWS 1/4" to 3/8" (1/2") #10 to #20 (#22)

EXTRACTS BROKEN STUDS and BOLTS 1/4" to 3/8" (1/2")

DRILLS Ordinary: 3/16" to 1/4" (3/8") **Step:** 1/4" to 1/2" (3/4")

REAMS 5/16" to 1/2" (9/16")

OPERATES HOLE SAWS 1/2" to 1 1/2" (2")

DRILLS MASONRY 1/4" to 3/8" (5/8")

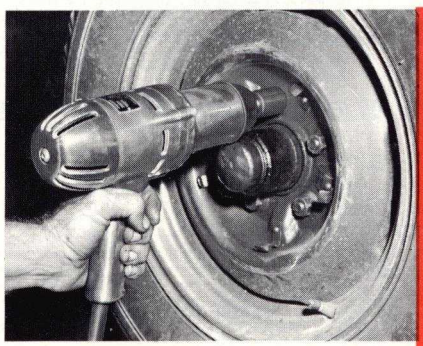
BORES IN WOOD 3/16" to 3/4" (1")

In the list above, the first figures in each case represent normal capacities. Figures in parentheses represent approximate maximum capacity under favorable conditions.

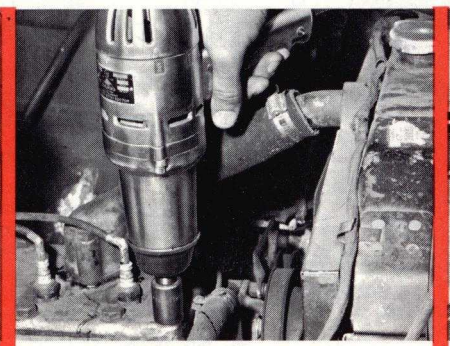
MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. **AMPERES:** 4.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Chrome alloy steel ball bearings on impact mechanism. Ball bearings on armature. **SWITCH:** Double pole, with momentary contact. **CHUCK:** 1/2" square drive. **NO LOAD SPEED:** 2000 RPM, Forward or Reverse. **IMPACTS PER MINUTE UNDER LOAD:** 2000. **NET WEIGHT:** 7-1/4 lbs. **OVERALL LENGTH:** 11-1/4". **CORD:** 25 feet, 18-gauge, 3-conductor, Type S, with molded plug. **LUBRICANT:** 1 tube No. 4-M1 supplied.

Anvil With Industrial Type Positive Locking Pin Available on Request

Packed 1 in a box. Shipping weight: 11-1/2 lbs.

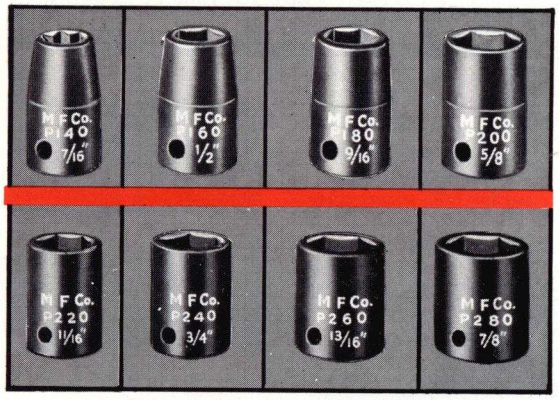


CHANGING AUTOMOBILE WHEELS is a fast, simple job with the No. 777. With 2000 impacts per minute, it removes and drives nuts and bolts . . . sets them firmly and securely.



REMOVING CYLINDER HEAD NUTS is a once-tough and time consuming job which is taken right in stride by the powerful torque of the husky No. 777 Impact Wrench.

REACHING DIFFICULT SPOTS is accomplished by means of the No. 1P-8 heavy duty 1/2" Universal Joint. This useful accessory available at slight additional cost.



HEAVY DUTY SOCKETS FOR IMPACT SERVICE

Single broached, heavy duty hex sockets built specially for impact wrench service. Fit 1/2" Square Drive of No. 777.

	Size		Size
No. P 140	7/16"	No. P 250	25/32"
No. P 160	1/2"	No. P 260	13/16"
No. P 180	9/16"	No. P 280	7/8"
No. P 200	5/8"	No. P 300-1/2	15/16"
No. P 220	11/16"	No. P 320-1/2	1"
No. P 240	3/4"		

SQUARE SOCKETS

Double broached 1/2" square sockets for square nuts.

	Wrench Size		Wrench Size
No. P 412	3/8"	No. P 422	11/16"
No. P 414	7/16"	No. P 424	3/4"
No. P 416	1/2"	No. P 426	13/16"
No. P 418	9/16"	No. P 428	7/8"
No. P 420	5/8"	No. P 432	1"

HEAVY DUTY UNIVERSAL JOINT

No. 1P8

This inexpensive accessory transmits the No. 777's tremendous power and torque to nuts, screws and bolts in awkward, offset locations. The joint fits 1/2" square sockets.

NO. 1777 IMPACT WRENCH KIT

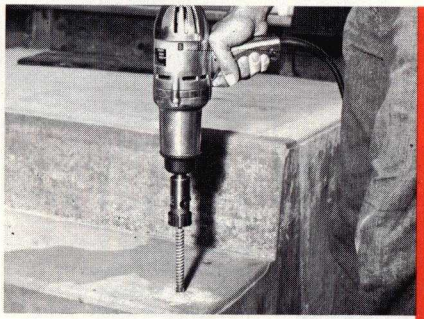
A large functionally designed steel carrying case with compartments for sockets, adequate space for 25 foot cord and extra accessories.

This general purpose kit consists of the following items carefully selected to give a wide range of uses:

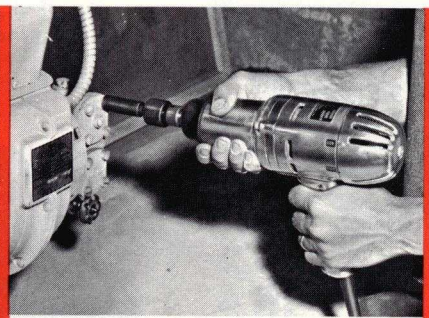
1 — No. 777 Impact Wrench with 25 feet of cord and plug.
1 — Set of Heavy Duty Special Impact Type Hex Sockets in sizes 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", and 7/8".
1 — No. 5551 Collet Type Jacobs Chuck with 3/16" to 3/8" capacity for round shanks and for No. 10 to 1/2" taps and E-Z Outs.
1 — No. 5552 Quick-Change Chuck for 7/16" Hex Shanks for Screwdriver Bits, etc.
1 — No. 19318 Tube of Special Lubricant.
1 — No. 7770 Steel Carrying Case. Dimensions 3-13/16" x 12" x 13-3/8" with durable handle and hasps.
1 — 5/32" Hex Key—6".

Available for 115 or 230 volts AC-DC, 25/60 cycles.

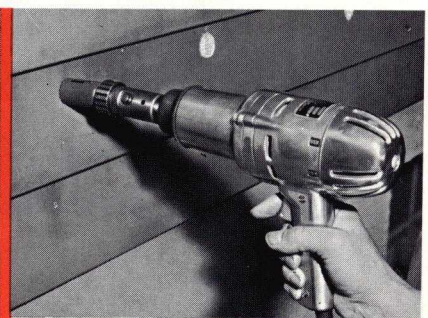
Packed 1 in a box. Shipping weight: 21-5/8 lbs.



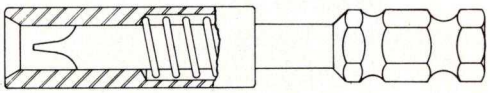
MASONRY DRILLING is but one of the many jobs the No. 777 performs to perfection. Capacity in masonry is up to 3/8" with carbide-tipped bits — even 5/8" under favorable conditions.



SPEEDS UP JOBS in repair, installation and maintenance work. Due to its versatility, the No. 777 Impact Wrench is one of the most used of all tools in service and maintenance departments.



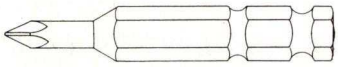
OPERATING HOLE SAWS is another task where the No. 777 excels. It drives hole saws with diameters of 1/2" to 1-1/2" — and even up to 2" under really good operating conditions.



BITS FOR STANDARD SLOTTED HEAD SCREWS

With 7/16" hex shanks for use in No. 5552 Chuck. Over-all length 3-1/2". Other lengths available.

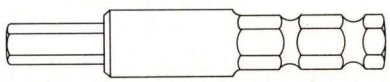
For Sizes and Types		Number	
Flat and Oval Wood or Machine	Round Wood or Machine	Complete with Finder	Bit Only
10-11	12	19009	13419
12	14	19013	13423
14	16	19017	13427
16	18	19021	13431
18	20	19456	13435
20		19460	13439



BITS FOR REED AND PRINCE RECESSED HEAD SCREWS

With 7/16" hex shanks for use in No. 5552 Quick-Change Chuck. Over-all length 3-1/2".

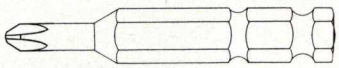
Number	Bit Diameter	Screw Sizes
17829	1/4"	Smaller Sizes
17830	5/16"	All Sizes
17831	3/8"	All Sizes



BITS FOR ALLEN HEAD SCREWS

With 7/16" hex shanks for use in No. 5552 Chuck. Over-all length 3-1/2".

Number	Size	For Cap Screws	For Set Screws
19336	3/16"	1/4"	3/8"
19337	7/32"	5/16"	7/16"
19338	1/4"		1/2"
19339	5/16"	3/8" - 7/16"	5/8"
19340	3/8"	1/2" - 9/16"	3/4"



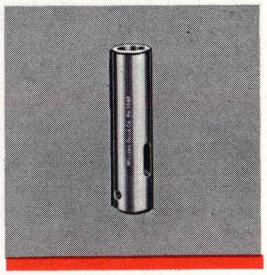
BITS FOR PHILLIPS RECESSED HEAD SCREWS

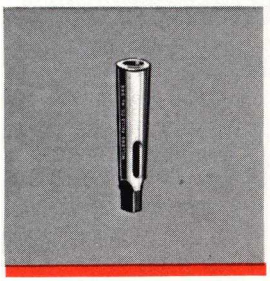
With 7/16" hex shanks for use in No. 5552 Chuck. Over-all length 3-1/2".

Number	Phillips Size	For Screw Sizes
19465	2	5 to 9
19466	3	10 to 16
19467	4	18 and up

IMPACT WRENCH ACCESSORIES

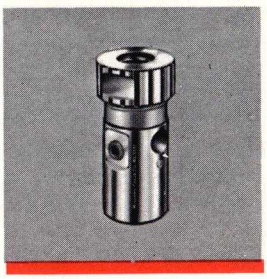
NO. 5560 MORSE TAPER ADAPTER, fitted for 1/2" square drive to fit No. 777 square spindle with No. 2 Morse Taper Socket for driving drills, reamers and other tools with No. 2 M.T. Shanks.

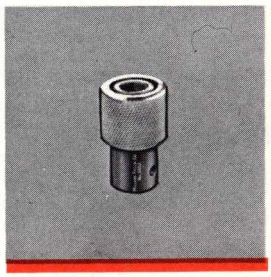




NO. 944 NO. 2 TO NO. 1 MORSE TAPER SLEEVE. A No. 2 M.T. Shank with a No. 1 M.T. Socket which, when used with No. 5560, permits the use of No. 1 M.T. drills, reamers, etc. with No. 777.

NO. 5551 "JACOBS" COLLET TYPE CHUCK. Greatly increases the usefulness of the No. 777. Holds all round shank tools such as drills and reamers from 3/16" to 3/8"—taps and E-Z Outs from No. 10 to 1/2". Two wrenches supplied.



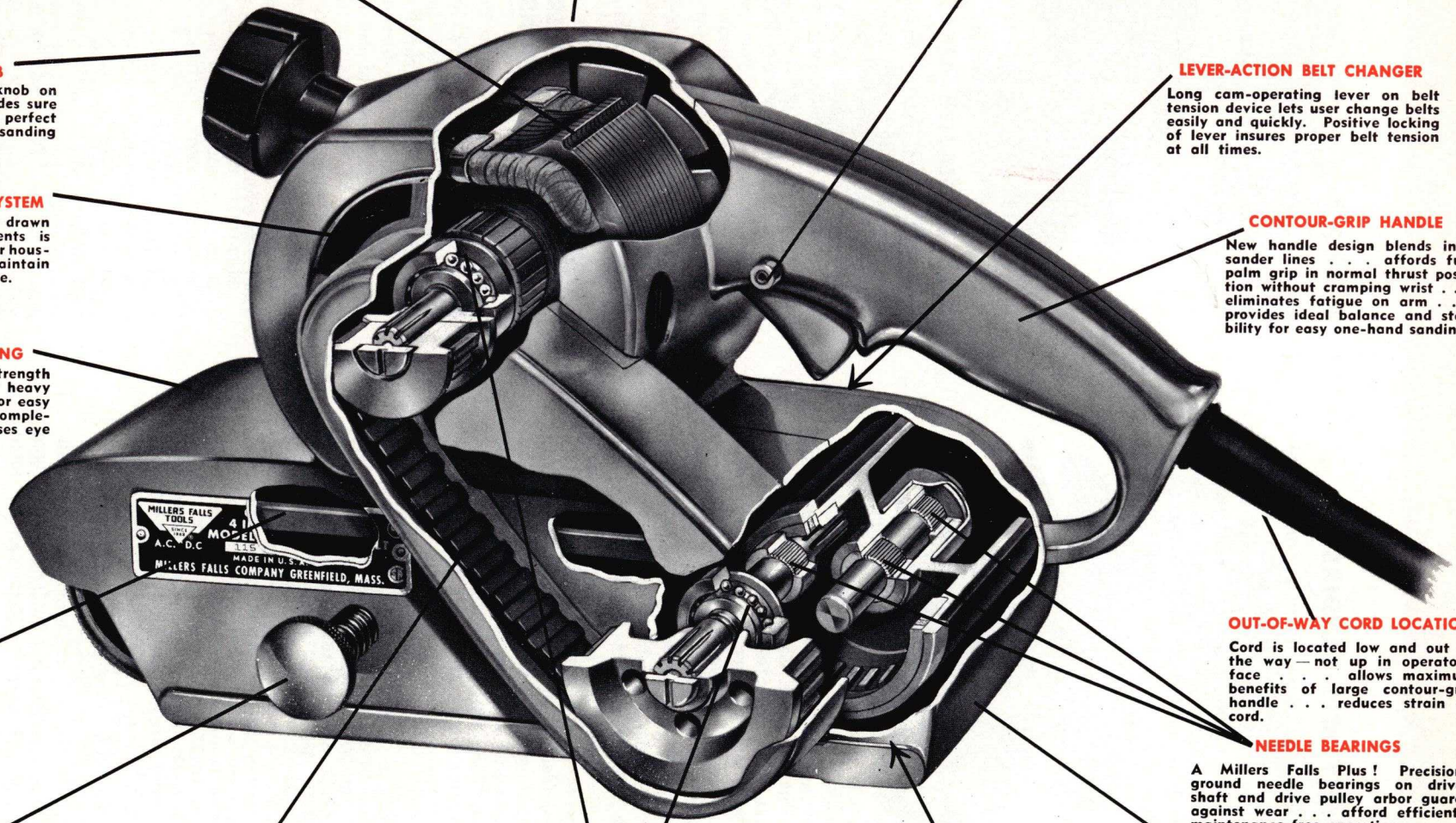


NO. 5552 QUICK-CHANGE CHUCK. This quick-change chuck fitting the No. 777 has a 7/16" Hex Socket for holding and driving Screwdriver Bits and other type tools with 7/16" Hex Shanks.

NO. 5553 STUD SETTER OR REMOVER. Driven by the No. 777 Impact Wrench, this tool efficiently sets or removes studs measuring 1/4" to 1/2" in diameter.

NO. 5554 DIE HOLDER. This useful accessory for the No. 777 Impact Wrench permits rapid threading or re-threading of studs, bolts, etc. Holds standard 1-1/2" Round Dies.

new advanced design belt sanders from Millers Falls ®



POWERFUL MF-BUILT MOTOR

Cool-running Millers Falls motor, specifically designed for the sander it powers, assures user of dependable, vibration-free sanding. No. 840 motor develops full 1 h.p. and No. 830 motor, ¾ h.p. Balanced statically and dynamically.

BIG AUXILIARY KNOB

Unbreakable black plastic knob on front of motor housing provides sure grip for extra stability and perfect balance during two-hand sanding operations.

EFFICIENT COOLING SYSTEM

Constant flow of cool air drawn in through large air vents is forced through entire motor housing by powerful fan to maintain low operating temperature.

STURDY ALUMINUM HOUSING

Die cast aluminum housing has strength needed to absorb punishment of heavy duty sanding, yet is lightweight for easy handling. Full polish finish complements modern styling and increases eye appeal.

HEAVY 4-POSITION STRIKING PLATE

Extra-thick steel striking plate prevents sanding belt from cutting into aluminum frame. Has four positions easily obtained by removing screw and turning plate to new position.

"FINE THREAD" TRACKING MECHANISM

Single knob tracking adjustment with fine-pitch thread insures precise, fingertip belt control for positive tracking . . . keeps belt centered . . . eliminates belt edge fraying.

NON-SLIP TIMING BELT DRIVE

Tough nylon cord reinforced timing belt delivers positive drive, eliminates need for belt take-up mechanism, and permits use of sander in any position. Special tooth design of drive pulley insures long belt life — no sharp edges on pulley tooth to wear belt.

BALL BEARING CONSTRUCTION

Highest quality sealed ball bearings for smoother-running, more efficient units . . . years of dependable, trouble-free heavy-duty sanding.

EXCLUSIVE MILLERS FALLS DRIVE MECHANISM

Special design with internal gearing, stationary mounting shaft and ball & needle bearing construction give drive wheel maximum support . . . eliminates wobble . . . maintains original tracking. Sanding belts run true, last longer.

ANTI-GOUGE BACKREST

Specially designed backrest rides close to work to prevent gouging caused by lifting front end and digging into stock with rear pulley . . . gives greater stability and control.

NEEDLE BEARINGS

A Millers Falls Plus ! Precision ground needle bearings on drive shaft and drive pulley arbor guard against wear . . . afford efficient, maintenance-free operation.

OUT-OF-WAY CORD LOCATION

Cord is located low and out of the way — not up in operator's face . . . allows maximum benefits of large contour-grip handle . . . reduces strain on cord.

CONTOUR-GRIP HANDLE

New handle design blends into sander lines . . . affords full palm grip in normal thrust position without cramping wrist . . . eliminates fatigue on arm . . . provides ideal balance and stability for easy one-hand sanding.

LEVER-ACTION BELT CHANGER

Long cam-operating lever on belt tension device lets user change belts easily and quickly. Positive locking of lever insures proper belt tension at all times.

LOCKING TRIGGER SWITCH

Fully enclosed trigger switch located in contour-grip handle for maximum operator convenience, comfort and control. Has lock button with automatic release.

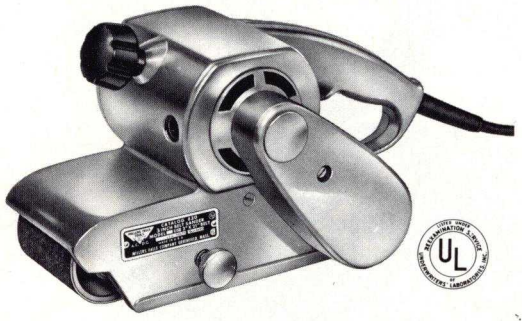
FLUSH DESIGN FOR RIGHT-ANGLE SANDING

Sand right up to baseboards, stair risers and other surfaces at right angles to the work with No. 840 4" Sander — within 5/8" with No. 830 3" Sander.

sanders, grinders, polishers, buffers

HEAVY DUTY BELT SANDERS

Engineered for rugged production work, these tools are ideal for use wherever heavy sanding must be fast, uniform and without ripples, ridges or gouges. Both models have the most wanted belt sander features — including an exclusive Millers Falls drive mechanism that insures maximum efficiency and trouble-free operation.



NO. 830 . . . 3" x 21" . . .3/4 H.P.

Quickly handles any surfacing job from rough sanding to fine finishing. Exclusive Millers Falls drive mechanism eliminates drive wheel wobble . . . maintains original tracking . . . prolongs belt life. Compact, lightweight design makes it easy to use in any position. Perfect for use on doors, windows, stairs, bookcases and boats.

NO. 840 . . . 4" x 21" . . . 1 H.P.

A big-capacity workhorse built for "all-day" performance. Tackles every job from rapid stock removal on rough lumber to fine finishing. Its wide straight-line sanding pattern is ideal for broad flat surfaces such as doors, tables, panels, desks, and cabinets. Flush design permits sanding right up to vertical surfaces.

BELT SIZES: (830) 3" x 21". (840) 4" x 21". **BELT SPEEDS:** (830) Idle — 1300 SFPM; Load — 1060 SFPM. (840) Idle — 1450 SFPM; Load — 1085 SFPM. **DRIVE:** Timing belt. **MOTOR:** Universal AC-DC, 25/60 cycle. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** (830) 6.0 at 115 volts. (840) 7.5 at 115 volts. **HORSEPOWER:** (830) 3/4. (840) 1.0. **BEARINGS:** Precision ball and needle — plus self-lubricating sleeve type on front wheel and in front of armature. **SWITCH:** Double pole trigger switch with lock and automatic release. **HOUSING:** Die cast aluminum. **FINISH:** Polished. **NET WEIGHTS:** (830) 11-1/4 lbs. (840) 13-1/4 lbs. **LENGTH:** 12-1/4". **HEIGHT:** 6-1/2": **WIDTHS:** (830) 6". (840) 6-3/8". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug. **STANDARD EQUIPMENT:** 3 Abrasive Belts (40-80-120 grit).

Packed 1 in a carton.
Ship. wgts.: (830) 13-1/2 lbs.; (840) 15-1/4 lbs.

No. 3830 Belt Sander Kit. Consists of No. 830 Belt Sander with 3 Abrasive Belts and No. 8340 Carrying Case.

Packed 1 in a carton. Shipping weight: 21 lbs.

No. 4840 Belt Sander Kit. Consists of No. 840 Belt Sander with 3 Abrasive Belts and No. 8340 Carrying Case.

Packed 1 in a carton. Shipping weight: 23 lbs.

No. 8340 Metal Carrying Case. Fits both No. 830 and No. 840 Belt Sanders. Provides space for Dust Collector Attachment. Gray enamel finish.

Packed 1 in a carton. Shipping weight: 9-3/4 lbs.

DUST COLLECTOR ATTACHMENTS

Powerful vacuum system driven by sander motor picks up over 95% of wood dust. Prevents clogging and prolongs belt life. Quickly attached or removed from sander. Heavy duty fabric bag holds collected materials, swings into any position and has large zipper for easy emptying. Ideal for clean and efficient interior sanding. When used on No. 840 sander it lets you sand flush against right angle surfaces without removing bag — within 5/8" with Model 830.

No. 834 for No. 830 — No. 844 for No. 840.

Packed 1 in a box.
Shipping Weights: (834) 1-1/2 lbs.; (844) 1-1/2 lbs.

MILLERS FALLS ABRASIVE BELTS

Abrasive belts for Millers Falls sanders are available in a wide variety of grits, ranging from those needed for rapid stock removal of unfinished wood and non-ferrous metals through paint or varnish removal and fine-finish work.

Grit (Open Coat)	3" x 21" Belts for No. 830 Sander Cat. No.	3" x 21" Belts for No. 830 Sander Ship. Wgt./ box	4" x 21" Belts for No. 840 Sander Cat. No.	4" x 21" Belts for No. 840 Sander Ship. Wgt./ box
24 (3)	8300	1-1/2 lbs.	8400	1-7/8 lbs.
30 (2-1/2)	8300	1-3/8 lbs.	8400	1-3/4 lbs.
36 (2)	8300	1-1/4 lbs.	8400	1-5/8 lbs.
40 (1-1/2)	8300	1-1/8 lbs.	8400	1-1/2 lbs.
50 (1)	8300	1 lb.	8400	1-1/8 lbs.
60 (1/2)	8300	7/8 lb.	8400	1 lb.
80 (1/0)	8300	3/4 lb.	8400	7/8 lb.
100 (2/0)	8300	5/8 lb.	8400	3/4 lb.
120 (3/0)	8300	5/8 lb.	8400	3/4 lb.

Packed 10 Belts per box.

No. 8310 Assorted Package — Contains 10 assorted 3" belts: three 100 grit, four 50 grit, three 36 grit. Ship. wgt.: 1 lb.

No. 8410 Assorted Package — Contains 10 assorted 4" belts: three 100 grit, four 50 grit, three 36 grit. Ship. wgt.: 1-1/4 lbs.

NO. 580 FINISH SANDER

The perfect tool for faster, finer finishing, the No. 580 Finish Sander is designed and built to meet the requirements of cabinet makers, carpenters, pattern makers, boat builders, repair and service men, painters, and home craftsmen.

Wherever a fine satin finish is desired on wood, metal, plaster, plastics, ceramics, or other surfaces, this tool will produce it 12 times faster than is possible by hand. It is ideal for rubbing down between coats of paint, varnish, shellac, etc. Using the proper abrasive sheets, it can be used to remove paint and varnish, to smooth board ends, level joints, and to work out scratches, digs and other blemishes.

The No. 580 Finish Sander can be used with wet as well as with dry abrasives. The shoe measures 3-3/4" wide by 7-1/4" long and uses standard abrasive sheets cut in thirds. Quick-change, spring-clip clamps hold sheets firmly and securely in place and make it possible to remove or replace them with a flip of the finger.

The sanding shoe makes 4500 orbits (N.L.) per minute. The diameter of the orbits is only 5/32" so the tool can be operated with or across the grain without making marks or whorls.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 1.8 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **SWITCH:** Single pole, positive on or off. **NO LOAD SPEED:** 4500 5/32" orbits per minute. **SHEET SIZE:** 3-5/8" x 9" — exactly 1/3 of standard sheet. **NET WEIGHT:** 4-1/2 lbs. **OVERALL HEIGHT:** 6". **OVERALL LENGTH:** 8-1/4". **OVERALL WIDTH:** 3-3/4". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug. **EQUIPMENT:** 3 pieces of #3/0 (120 grit) open coat garnet and 3 pieces of 120 grit waterproof.

Packed 1 in a counter display box. Shipping weight: 5-3/4 lbs.

These powerful, efficient abrasive tools incorporate all the latest developments in disc sanders and grinders. They have earned wide popularity in garages, foundries, auto body and welding shops. Switches, gears and bearings are fully protected from dust and grit. All moving parts are mounted on grease-sealed ball bearings. A choice of three models provides sizes and types to handle the complete range of applications from auto body repairs to snagging castings and smoothing welds.

NO. 775 STANDARD SANDER-GRINDER

For intermittent service or light duty production work, the No. 775 offers dependable trouble-free performance. Lightweight, properly balanced and with a full 2-1/4" H.P. to take those many difficult surfacing jobs smoothly in stride. As a result, industry accepts this 7" model as a proved general purpose abrasive tool.

NO. 900 7" HEAVY DUTY SANDER-GRINDER

For heavy duty work on an intermittent basis or for those tough continuous production jobs, the rugged No. 900 delivers 2 H.P. and has all the dependability anyone could need. It will handle any surfacing application using abrasive discs, cup grinding wheels, wire cup brushes, and rotary planer heads.

NO. 990 9" STANDARD SANDER-GRINDER

For large wood or metal surfaces — floors, boats, tanks, etc. — where extensive areas make big disc diameter and high peripheral speed desirable for fast stock removal and economy, the 2-1/4 H.P. No. 990 is an ideal choice. Excellent handling characteristics make this an exceptionally easy to use model for a tool of its size and power.

SPECIFICATIONS — ALL MODELS

MOTORS: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 12.0 at 115 volts. **HOUSINGS:** Lightweight, cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Grease sealed bearings throughout. **GEARS:** Heat treated alloy steel. Spiral bevel.

SWITCHES: Double pole, fully enclosed. **CORDS:** 15 feet, 16-gauge, 3-conductor, Type S, with molded plugs. **STANDARD EQUIPMENT:** Reversible side handles, reinforced flexible backing pad.

Number	775	900	990
Disc Diameter	7"	7"	9"
No Load Speed	5000	6000	5000
Overall Length	19"	20"	20"
Net Weight	13-3/8 lbs.	14-1/4 lbs.	14-3/4 lbs.
Shipping Weight	17-1/4 lbs.	18-1/2 lbs.	20-3/8 lbs.

Packed 1 in a box.

NO. 870 INDUSTRIAL SANDER-GRINDER

Designed for continuous industrial use, this versatile, lightweight sander-grinder offers outstanding performance on any sanding, grinding or wire brushing job. Its close coupled vertical design makes it extremely compact . . . assures easy, accurate handling and control with a minimum of operator fatigue. Weight is centered directly over spindle . . . requires less pressure for smooth free-hand operation. Rugged die-cast aluminum housing, grease sealed ball and needle bearings, precision cut steel gears and a powerful MF-built motor add up to top quality construction and performance.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 5.5 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Grease sealed ball and needle throughout. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, fully enclosed. **NO LOAD SPEED:** 4500 RPM. **NET WEIGHT:** 6-3/4 lbs. **OVERALL LENGTH:** 8-3/4". **DISC DIAMETER:** 7". **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** 7" flexible rubber pad and 7" "Co-Ro-Lite" pad.

Packed 1 in a box. Shipping weight: 10-1/4 lbs.

See page 45 for Sander-Grinder Accessories

NO. 8726 7" HEAVY DUTY POLISHER

The No. 8726 is an outstandingly high power to weight polisher for higher production speeds and higher lustre finishes.

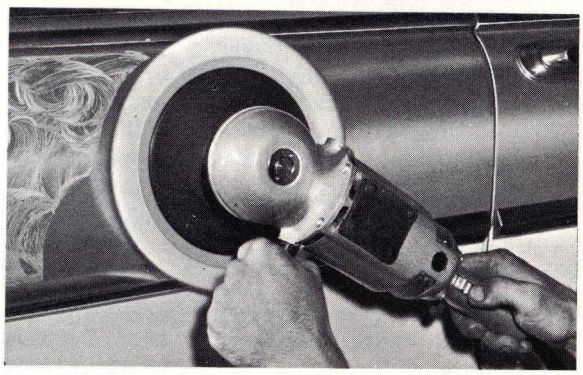
It has heavy duty construction throughout — with grease sealed ball bearings for smooth operation and long, trouble-free life . . . heat treated gears of finest alloy steel . . . and solid die cast aluminum housing.

Exceptionally light, compact and carefully balanced, the No. 8726 Polisher handles nicely in those hard-to-reach places and on uneven surfaces. It is supplied with a 7-1/2" deep pile wool buffing pad, the most effective polishing head ever developed. Its great power (6.5 amp.) and high speed (2600 RPM) make it ideal for use with the latest-type cleaners and polishers.

A large rubber saddle is mounted on the top of the motor housing so that there is no danger of scratching or marring the surface being polished if the tool is rested on it while coasting to a stop. A reversible side handle and finger-fitting grip are provided for easy control.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 6.5 at 115 volts. **HOUSING.** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Grease sealed ball bearings throughout. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, fully enclosed. **NO LOAD SPEED:** 2600 RPM. **NET WEIGHT:** 9-1/2 lbs. **OVERALL LENGTH:** 14-3/8". **CORD:** 30 feet, 18-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** 7" flexible backing pad and 7-1/2" deep pile wool buffing pad.

Packed 1 in a box. Shipping weight: 12 lbs.



CAR BODIES quickly take on a lustrous brilliance when polished with the Millers Falls No. 8726, which works excellently with the new high-gloss waxes and polishes. The long, 30-foot cord makes it possible to reach any part of car without extension.

PORTABLE GRINDERS

Big, rugged and powerful, these grinders are designed for the toughest, heavy duty service — snagging castings, smoothing welds, grinding off rivets, pins and bolts. They are also excellent for use with wire wheel brushes for cleaning and removing rust, scale and paint.

Wheel guards can be rotated to any position for convenience on each particular job. Wheel spindles are mounted with ball bearings at both ends to assure smooth, vibrationless operation and long life. Other Millers Falls "built-in quality" features include: grease sealed ball bearings . . . precision-cut alloy steel gears . . . and dust-tight, double pole switches.

NO. 404 4" GRINDER

A medium-size model weighing 9-1/4 lbs. Uses 4" wheels up to 1" in width. Ideal for average, general purpose duty. Equipped with 4" x 3/4" x 1/2" vitrified aluminum oxide wheel.

NO. 406 6" GRINDER

This big 6" grinder weighs 23-5/8 lbs. and is designed for the heaviest work. It has correct speed (3700 RPM) for maximum effectiveness with vitrified-type grinding wheels. Equipped with 6" x 1" x 5/8" vitrified silicon carbide wheel.

NO. 461 6" GRINDER

Similar to the No. 406 but with far greater spindle speed (5500 RPM) making it possible to use the modern resinoid wheels and take full advantage of their high speed operating efficiency. Equipped with 6" x 1" x 5/8" "Bakelite" aluminum oxide wheel.

MOTORS: Universal AC-DC 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **HOUSINGS:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Grease sealed ball bearings throughout. **GEARS:** Heat treated alloy steel. **SWITCHES:** Double pole, fully enclosed. **CORDS:** 10 feet, 16-gauge (18-gauge for No. 404), 3-conductor, Type S, with molded plug.

Number	404	406	461
No Load Speed	4500 RPM	3700 RPM	5500 RPM
Amperes	5.5	8.0	8.0
Overall Length	18-1/4"	23-1/2"	23-1/2"
Net Weight	9-1/4 lbs.	23-5/8 lbs.	23-5/8 lbs.
Shipping Weight	12-1/2 lbs.	32-1/4 lbs.	32-1/4 lbs.

Packed 1 in a box.

ACCESSORIES

WIRE WHEEL BRUSHES

No.	Diameter	Width	Shipping Weight
24 Wheel	4"	1"	1-1/8 lbs.
26 Wheel	6"	1-1/8"	1-7/8 lbs.
28 Wheel	8"	1-1/2"	3 lbs.
210 Wheel	10"	2"	6-1/8 lbs.

Packed 1 in a box.
Extra Arbor Bushings, 1/2", 5/8", 3/4" and 1"

BACKING PADS

No.		For Use With	Shipping Wgt.
30297	7" Flexible Rubber Pad	8726, 870, 775, 900	3/4 lb.
30334	7" "Co-Ro-Lite" Pad	8726, 870, 775, 900	5/8 lb.
30335	9" "Co-Ro-Lite" Pad	990	7/8 lb.

Packed 1 in a box.

ABRASIVE DISCS

No.		For Use With
7077	7" Abrasive Discs, 24, 36 or 50 Grit	All Sanders
9099	9" Abrasive Discs, 24, 36 or 50 Grit	All Sanders

WIRE CUP BRUSHES

No.		For Use With
4208	3-1/4" Brush, 1/2" or 5/8" Bushing *Packed 1 in a box. Shipping weight 1-3/8 lbs.*	775,900
4207	4-3/4" Brush, 5/8" Bushing *Packed 1 in a box. Shipping weight: 1-3/4 lbs.*	900,990
17031	5/8"-11T Spindle nut for Cup Brushes	All Sanders

POLISHING BONNETS AND PADS

No.		For Use With	Shipping Wgt.
275	7-1/2" Lamb's Wool Bonnet	8726, 870, 775, 900	1/4 lb.
277	8-1/2" Lamb's Wool Bonnet	8726, 870, 775, 900	3/8 lb.

Packed 1 in a box.

ELECTRIC TOOL GREASE

No. 19316 ..... 4-oz. Tube
No. 19317 ..... 5-lb. Can

TUNGSTEN CARBIDE SANDING SHEETS

3-11/16" x 9" for Finish Sanders

No.	Grit	Shipping Weight
9080	Medium (80)	5/8 lb.
9120	Fine (120)	5/8 lb.
9150	Extra-fine (150)	5/8 lb.

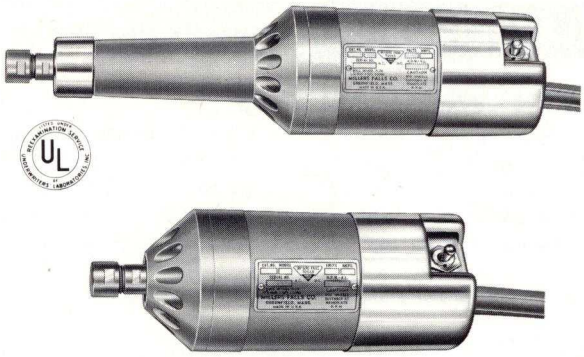
Packed 1 in a sleeve — 4 sleeves in a box.

TUNGSTEN CARBIDE SANDING DISCS

No.	Size	Grit	Shipping Weight
6036	6" Extra Coarse	(36)	7/8 lb.
6046	6" Coarse	(46)	7/8 lb.
6080	6" Medium	(80)	1/2 lb.
6120	6" Fine	(120)	1/2 lb.
6150	6" Extra Fine	(150)	1/2 lb.
8080	5" Medium	(80)	3/8 lb.
8120	5" Fine	(120)	3/8 lb.
8150	5" Extra Fine	(150)	3/8 lb.

Packed 1 in a sleeve — 4 sleeves in a box.

See page 8 for No. 869 Tungsten Carbide Merchandiser.



FOUR COMPACT, POWERFUL NEW HIGH SPEED GRINDERS

Light in weight, this highly advanced new line of grinders is designed to capitalize on the latest developments in high speed burrs and mounted points — and to provide a full range of models for modern toolroom and die-shop work.

The choice of speeds and nose designs permits selection of a grinder exactly suited to each particular job. These precision built grinders are ideal for a wide variety of hand operations — die grinding, touching up, finishing molds, deburring, and grinding welds. In addition, they can be used effectively with special jigs and fixtures for a great many bench and stationary applications.

Compact and powerful — these grinders are smooth running, rugged performers. They are well ventilated to assure cool running even after extended periods of use. Chucking capacity is 1/8" and 1/4", and the precision collets permit burrs and mounted points to be held close to the bearing — minimizing wear.

Each grinder comes complete with extension arbor, 3/8" grinding wheel, 1/8" and 1/4" collets, two chuck wrenches, and is packed in a sturdy metal carrying case finished in attractive hammertone gray enamel and equipped with hinged accessory tray and locking cover.

MOTORS: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **HOUSINGS:** Lightweight, cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball, pre-lubricated and sealed. **SWITCHES:** Single pole. **CHUCKS:** 1/8" and 1/4" collet type. **CORDS:** 10 feet, 18-gauge, 3-conductor, Type SJ, with molded plugs. **STANDARD EQUIPMENT:** One No. 23841 1/8" Extension Arbor. One No. 14623 Grinding Wheel, 3/8" x 3/8" x 3/8". One No. 19624 1/8" Collet Standard Shank. One No. 19713 1/4" Collet Standard Shank. One No. 23827 1/2" Chuck Wrench. One No. 23826 5/8" Chuck Wrench. One Steel Carrying Case.

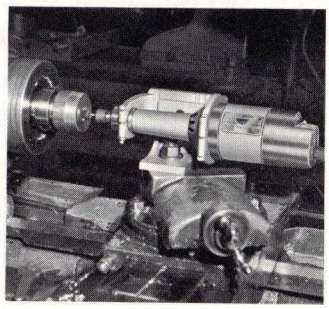
ACCESSORIES

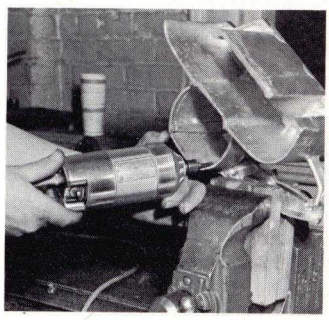
No. 3201 Lathe Adapter: for models 320 and 323 only.
No. 23482 1/4" Extension Arbor: for mounting abrasive wheels up to 3/8" wide with 1/4" diameter holes.
No. 23483 3/8" Extension Chucks: for chucking mounted points with 1/8" shanks to permit access into deep die cavities.

STURDY STEEL CARRYING CASES

Each grinder comes packed in a generous size steel carrying case complete with hinged accessory tray, locking cover and top carrying handle. Finished in hammertone gray enamel.

PRECISE INSIDE OR OUTSIDE DIAMETER GRINDING is afforded by the No. 320 Grinder when used with the No. 3201 Lathe Adapter. It is here shown grinding the inside diameter of a simple punching die. The unit is readily installed and removed from lathe so the grinder can be converted quickly from offhand to lathe use.

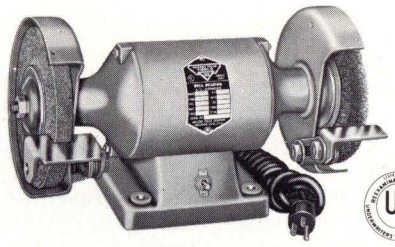




OFFHAND GRINDING. Extremely lightweight, vibrationless and cool-running — Millers Falls High Speed Hand Grinders are easy and pleasant to use. Shown at left, a powerful, 30,000 RPM No. 325 Grinder quickly removes all burrs to clean up a rough sand casting of aluminum.

No.	Chucking Capacity	No Load Speed	Amperes at 115 Volts	Overall Length	Net Weight	Shipping Weight
320	1/8" and 1/4"	30,000 RPM	2.5	11-1/4"	2-3/4 lbs.	8 lbs.
323	1/8" and 1/4"	20,000 RPM	1.5	11-1/4"	2-3/4 lbs.	8 lbs.
325	1/8" and 1/4"	30,000 RPM	2.5	7-1/4"	2-1/4 lbs.	7-1/2 lbs.
327	1/8" and 1/4"	20,000 RPM	1.5	7-1/4"	2-1/4 lbs.	7-1/2 lbs.

Packed 1 in a box.



6"

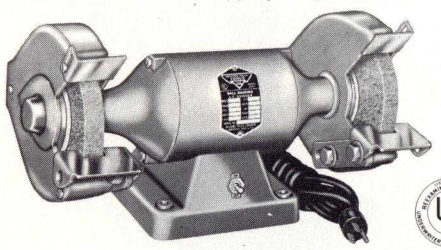
NO. 2510 1/4 H.P. BENCH GRINDER

This low-cost, new-design grinder offers many advantages not available in comparable models. An outstanding buy for home, shop and light industrial use. It is ruggedly built with double shielded ball bearings throughout. Runs at high speed for greater efficiency. Unique electrical design results in extremely small motor body diameter and affords exceptional freedom of movement for work.

The No. 2510 also has a new type U-shaped tool rest with large surface area and easy adjustments for practically any kind of job. Other operating and safety features are: close fitting guards, rubber feet, and dust-proof toggle switch. Even though compact in size, the No. 2510 Bench Grinder has ample capacity for a wide range of grinding, buffing and cleaning work.

MOTOR: AC only. 115 or 230 volt, 60 cycle, single phase. Other voltages and/or 50 cycle models available at extra cost. **HORSEPOWER:** 1/4 H.P. **NO LOAD SPEED:** 3590 RPM. **DISTANCE BETWEEN WHEELS:** 11-1/16". **OVERALL LENGTH:** 14-3/16". **OVERALL HEIGHT:** 7-1/2". **HEIGHT TO CENTER OF SPINDLE:** 4-1/8". **BODY CLEARANCE:** 25/32". **BASE SIZE:** 6" x 6". **BEARINGS:** Double shielded ball bearings throughout. **SWITCH:** Single pole, single throw, dust tight toggle switch. **NET WEIGHT:** 24 lbs. **CORD:** 6 feet, 18-gauge, 3-conductor, with molded plug. **STANDARD EQUIPMENT:** One 6" wire wheel brush and one 40-grit grinding wheel — 6" x 5/8" with 1/2" hole.

Packed 1 in a box. Shipping weight: 29 lbs.



6"

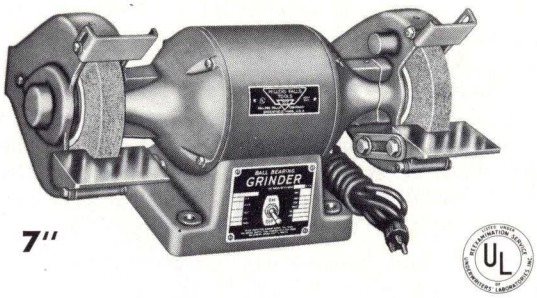
NO. 2520 1/3 H.P. BENCH GRINDER

This rugged, heavy duty, ball bearing grinder handles a wide range of production grinding, sharpening, wire brushing and buffing operations in factories, garages, tool rooms and repair shops. Powerful 1/3 H.P. split phase motor starts quickly and maintains high speed under heavy load for peak efficiency. Compact motor housing affords more work room and even permits cross-face grinding for long pieces. Large, heavy base for excellent stability.

Modern, close-fitting guards prevent dropping and wedging objects next to wheels. They are drilled to take eye shields and have large dust chutes and chip breakers. U-shaped tool rest fully adjustable to compensate for wheel wear. Can be reversed to provide a lathe-type edge rest for sharpening tools. Streamlined housing and dust-proof toggle switch. A combination of outstanding electrical characteristics built into an exceptionally compact mechanical design make this husky model an ideal all around unit.

MOTOR: AC only. 115 or 230 volt, 60 cycle, single phase — or 220 or 440 volt, 60 cycle, three phase. Other voltages and/or 50 cycle, single or three phase models available at extra cost. **HORSEPOWER:** 1/3 H.P. **NO LOAD SPEED:** 3590 RPM. **DISTANCE BETWEEN WHEELS:** 11-3/16". **OVERALL LENGTH:** 15-3/16". **OVERALL HEIGHT:** 8-1/2". **HEIGHT TO CENTER OF SPINDLE:** 5". **BODY CLEARANCE:** 25/32". **BASE SIZE:** 7-1/2" x 6-1/2". **BEARINGS:** Double shielded ball bearings throughout. **SWITCH:** Single throw, dust tight toggle switch. Single pole for single phase, three pole for three phase. **NET WEIGHT:** 33 lbs. **CORD:** 6 feet, 18-gauge, 3-conductor, with molded plug. (Three phase models are supplied without cord.) **STANDARD EQUIPMENT:** One 60-grit and one 40-grit grinding wheel — 6" x 3/4" with 1/2" hole.

Packed 1 in a box. Shipping weight: 36 lbs.



7"

NO. 2530 1/2 H.P. BENCH GRINDER

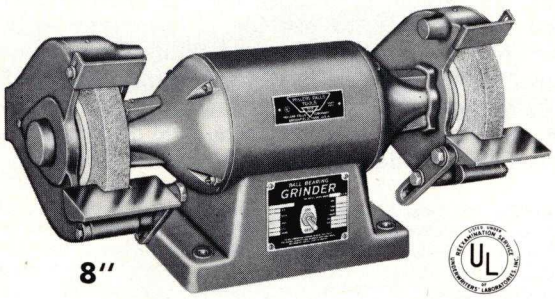
Here's a quick-starting, high speed model built for tough production jobs in factories, service shops, foundries, etc. Compact, powerful and dynamically balanced for quiet, vibration-free operation. Loaded with Millers Falls quality features.

Capacitor start, induction run motor combines low starting current requirements with ability to maintain full speed under continuous load. Double shielded ball bearings throughout. Large U-shaped tool rest fully adjustable.

Heavy chip breakers prevent sparks from entering the work area. Cast iron guards have removable covers. Convenient "on-off" toggle switch is dust tight. Wheel clearance beyond front of motor housing permits cross-face grinding for longer wheel life.

MOTOR: AC only. Capacitor start, induction run. **VOLTAGES:** 115 or 230 volt, 60 cycle, single phase — or 220/440 or 550 volt, 60 cycle, three phase. Other voltages and/or 50 cycle, single or three phase models available at extra cost. **HORSEPOWER:** 1/2 H.P. **NO LOAD SPEED:** 3590 RPM (60 cycles). 2990 RPM (50 cycles). **DISTANCE BETWEEN WHEELS:** 15-1/16". **OVERALL LENGTH:** 20-1/16". **OVERALL HEIGHT:** 9-3/8". **HEIGHT TO CENTER OF SPINDLE:** 5-1/2". **BODY CLEARANCE:** 1/4". **BASE SIZE:** 9" x 8". **BEARINGS:** Double shielded ball bearings throughout. **SWITCH:** Single throw, dust tight toggle switch. Single pole for single phase, three pole for three phase. **NET WEIGHT:** 60 lbs. **CORD:** 8 feet, 16-gauge, 3-conductor, with molded plug. (Three phase models are supplied without cord.) **STANDARD EQUIPMENT:** One 60-grit and one 40-grit grinding wheel — 7" x 1" with 5/8" hole.

Packed 1 in a box. Shipping weight: 72 lbs.



NO. 2540 3/4 H.P. BENCH GRINDER

A big, 8" grinder designed for rugged and heavy duty operation. Powered by a precision engineered, cool-running motor, it has many advanced features including stronger field ring construction.

New U-shaped tool rest can be tilted 0° to 60°. Fully adjustable to compensate for wheel wear. Diameter of wheel is 1-1/2" greater than motor housing, providing ample clearance for cross-face grinding.

Data plate is readily removed for making or changing line connections. Newly styled base gives greater stability. All in all, the No. 2540 is a powerfully built, finely balanced unit, worthy in every way of the Millers Falls nameplate.

MOTOR: AC only. Capacitor start, induction run. **VOLTAGES:** 115/230 volt (wired for 115), 60/50 cycle, single phase — or 220/440 or 550 volt, 60/50 cycle, three phase. Other voltages, single or three phase models available at extra cost. **HORSE-POWER:** 3/4 H.P. **NO LOAD SPEED:** 3590 RPM (60 cycle). 2990 RPM (50 cycle). **DISTANCE BETWEEN WHEELS:** 17-1/16". **OVER-ALL LENGTH:** 22-1/16". **OVERALL HEIGHT:** 11". **HEIGHT TO CENTER OF SPINDLE:** 6-1/2". **BODY CLEARANCE:** 3/4". **BASE SIZE:** 11" x 9". **BEARINGS:** Double shielded ball bearings throughout. **SWITCH:** Single throw, dust tight toggle switch. Single pole for single phase, three pole for three phase. **NET WEIGHT:** 95 lbs. **CORD:** Supplied without cord. **STANDARD EQUIPMENT:** One 60-grit and one 40-grit grinding wheel — 8" x 1" with 3/4" hole.

Packed 1 in a box. Shipping weight: 98 lbs.

NO. 2550 1 H.P. BENCH GRINDER

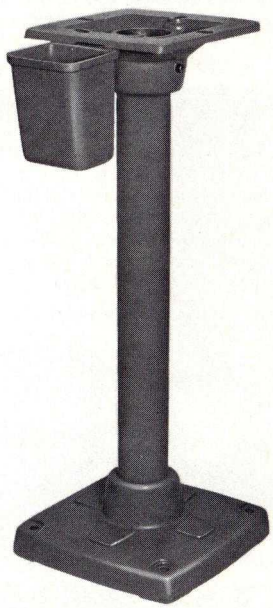
Designed for the heaviest kind of work, this 10" grinder has all the power and capacity to handle the most demanding operations. Burnishing, buffing, grinding, wire brushing and other heavy duty applications in foundries, factories, welding shops, etc. are done surely and dependably day after day with this rugged all ball bearing model.

In addition to its full 1 H.P. rating, the No. 2550 has features that assure easier, more economical and safer use. Improved close fitted guards prevent objects from wedging against wheels . . . 90° guard openings and heavy spark arrestors provide maximum operator protection.

Four mounting holes through rubber feet on broad sturdy base give greater stability and dampen vibration. Top quality construction and excellent operating characteristics make the No. 2550 a true workhorse bench grinder.

MOTOR: AC only. Capacitor start, induction run. **VOLTAGES:** 115/230 volt (wired for 115), 60/50 cycle, single phase — or 220/440 or 550 volt, 60/50 cycle, three phase. Other voltages, single or three phase models available at extra cost. **HORSE-POWER:** 1 H.P. **NO LOAD SPEED:** 1790 RPM (60 cycle). 1490 RPM (50 cycle). **DISTANCE BETWEEN WHEELS:** 17-1/16". **OVER-ALL LENGTH:** 22-1/16". **OVERALL HEIGHT:** 11". **HEIGHT TO CENTER OF SPINDLE:** 6-1/2". **BODY CLEARANCE:** 1-3/4". **BASE SIZE:** 11" x 9". **BEARINGS:** Double shielded ball bearings throughout. **SWITCH:** Single throw, dust tight toggle switch. Single pole for single phase, three pole for three phase. **NET WEIGHT:** 106 lbs. **CORD:** Supplied without cord. **STANDARD EQUIPMENT:** One 60-grit and one 40-grit grinding wheel — 10" x 1" with 3/4" hole.

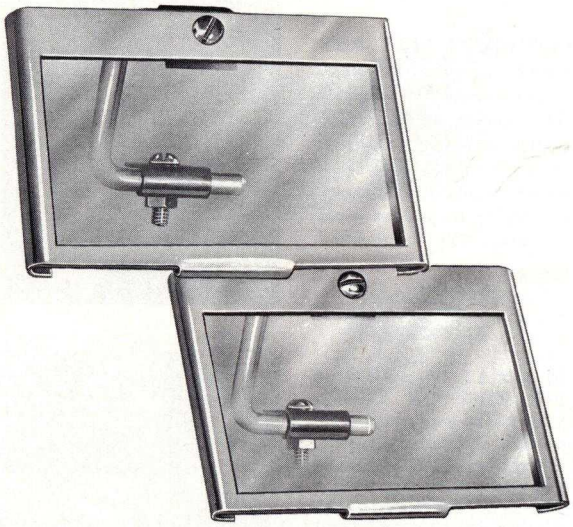
Packed 1 in a box. Shipping weight: 122 lbs.



NO. 2505 BENCH GRINDER PEDESTAL

An extremely sturdy pedestal for making independent floor units of all Millers Falls Bench Grinders. No adapter plate is needed since the grinder is bolted directly to the top plate of the pedestal. There are four holes in the cast iron base plate for secure bolting to the floor. The upright member is a 3" steel tube. Overall height is 32". The No. 2505 is equipped with a large capacity cast iron water pot for cooling the work. The pedestal has a gray painted finish.

Packed 1 in a box. Shipping weight: 48 lbs.



NO. 867 EYE SHIELDS

These shatterproof glass shields provide full, clear vision for the operator. They attach easily and quickly to any large bench grinder and afford an increased measure of protection against sparks and particles of the material being ground. Net weight is 1-1/2 lbs.

Packed 1 pair in a box. Shipping weight: 1-3/4 lbs.

NO. 8610 ILLUMINATED EYE SHIELD

Greater safety through increased work vision by illumination is assured with this eye shield which attaches to any large grinder.

It has a heavy frame which holds a 4" x 6" shatterproof glass giving an effective vision space of 3-3/4" x 5-3/4". Adjustment for height and from horizontal to 45° is provided to suit the position and height of the operator and to secure the proper illumination.

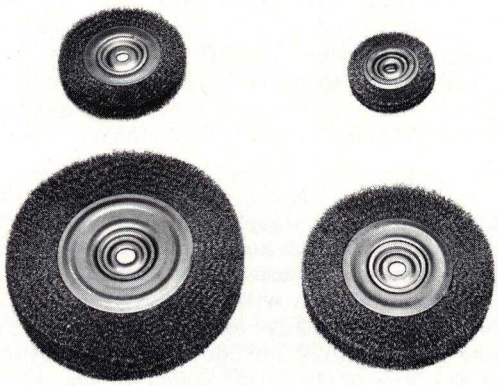
The supported filament type lamp bulb is mounted in rubber to protect it from vibration. On 115 and 230 volts the light circuit can be connected directly with the grinder switch. On 440 volt machines it must be operated from a 115-volt circuit. The shield is supplied complete with two 115-volt bulbs, screws and instruction sheet.

Packed 1 in a box. Shipping weight: 3-3/8 lbs.

NO. 7080 DRILL GRINDING ATTACHMENT

A sharp, properly ground twist drill is essential for fast, accurate drilling. The No. 7080 is easily attached to Nos. 2530, 2540 and 2550 Grinders and does the job right. (It will not fit the Nos. 2510 and 2520 Grinders.) Both lips are ground identically and the radial movement of the chuck provides just the right lip clearance for maximum cutting efficiency. 3/32" to 5/8" capacity. The base swivels from 40° to 80° or 80° to 160° included angle. Both 59° and 83° positions are indicated. Complete instructions for installing are provided.

Packed 1 in a box. Shipping weight: 5-7/8 lbs.



WIRE WHEEL BRUSHES

These rugged wire wheel brushes are important accessories to get the most out of the MF line of bench and portable grinders. Ideal for cleaning metal, removing paint and the countless other surface preparing jobs. Every brush is made from top quality stock that is carefully graded and inspected. Every brush has many tough bristles that are close-packed, securely anchored and sharp cutting.

No.	Wheel Diameter	Width	Shipping Weight
24	4"	1"	1-1/8 lbs.
26	6"	1-1/8"	1-7/8 lbs.
28	8"	1-1/2"	3 lbs.
210	10"	2"	6-1/8 lbs.

Available for 1/2", 5/8", 3/4", or 1" arbors. Specify size desired.

Packed 1 in a box.

router-plane-shaper

NO. 6800 POWER-PACKED ROUTER

Packed with plenty of power and loaded with feature after feature, this new Millers Falls Router and its line of revolutionary low-cost router bits truly opens up the adventure of woodworking at the professional level to everyone! Hundreds of uses — dadoing, rabbeting, grooving, fluting, jointing, inlaying, edging, beading, shaping, etc. — and hundreds of projects — cabinet work, shelving, moldings, precision inlaying, kitchen and counter tops, etc.

Rugged 3-amp., all ball bearing 680 Power Unit runs at 30,000 RPM for faster, smoother cuts. Large 681 Router Base with big, easy-grasp hardwood handles for positive in-use control and accuracy. Light and compact, it breezes through wood shaping chores with speed and ease.

Some of the many exclusive Millers Falls router line features include: 1) Direct reading scale for fine depth adjustments of cut to precise 64ths with accessory 688 Depth Adjusting Scale. 2) Wide-span control for location of cut with extra long rods and micrometer-screw adjustment on accessory 684 Straight and Circular Guide. 3) Revolutionary M-2 High Speed Steel Router Bits delivering superior performance at about 1/3 less cost than competitive bits.

MOTOR: Universal AC-DC 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 3.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish on motor; hammertone gray enamel on router base. **BEARINGS:** Full ball bearing. **NO LOAD SPEED:** 30,000 RPM. **OVERALL HEIGHT:** 6-3/8". **CORD:** 10 feet, 18-gauge, 3-conductor, Type SJ, with molded plug.

Cat. No.	Name	Speed RPM	Motor Amp.	Weight — lbs. Net	Ship.
6800	ROUTER, COMPLETE (No. 680 Power Unit and No. 681 Router Base)	30,000	3	3-3/8	5-1/4
680	POWER UNIT (with Collet, Chuck Shell, and two wrenches)	30,000	3	2-3/8	3-1/2
681	ROUTER BASE			1	1-1/2

All items packed 1 in a box.

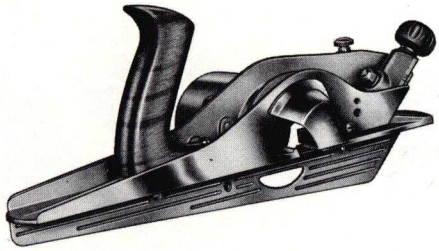
EDGING IS FAST AND EASY with the No. 6800 Router. Here a 3/8" Beading Bit is used to produce an attractive base for a bookcase. A pilot on the bit guides the router accurately and makes it possible to perform many operations like this freehand.

MAKING TRUE STRAIGHT OR CIRCULAR CUTS every time is assured with the No. 684 Straight or Circular Guide. The Guide has extra long rods and an exclusive micrometer screw adjustment for exact cut location. For circular cuts the guide plate used for straight cuts is removed.

ROUTING CIRCULAR GROOVES involves use of the No. 683 Trammel Point in conjunction with the No. 684 Straight or Circular Guide. With the straight guide plate removed, the arms of the Guide engage in the Trammel Point. Grooves with radii from 3-3/8" to a full 8-1/2" are possible.

TEMPLETS ARE FOLLOWED by means of Templet Guides which handle the most frequently used templets on the market. Included are No. 6814 General Purpose, No. 6815 Recess and Insert, Nos. 6816 and 6817 Hinge Butt Guides. Every Templet Guide is precision machined to assure accurate mortising.

FULL EDGE-TRIMMING OF POST-FORMED LAMINATES in tight-radii curves is made possible by an industry exclusive — the No. 6810 Laminate Trimmer Base. Used also for 15° bevel on long laminate tops with "three-way" No. 6924 Carbide-Tipped Bit that trims on bevel, and/or straight cuts.

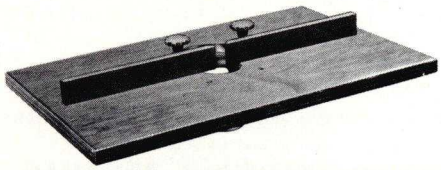


NO. 6826 PLANE ATTACHMENT SET

Here are big plane features plus exclusive design benefits never before offered — all at small dollar outlay — that add up to the best plane buy today. 1) The only plane with micrometer-screw adjustment to align front and rear shoes and plane cutter. 2) The only plane under $150 with an outboard arbor support. 3) Direct-reading depth-of-cut adjustment. 4) Extra long, 14" shoe. 5) Wider than average range for bevel adjustments (−15° to +45°). With 1-13/16" cutter (which will plane every door in the house) — it cuts up to 1/8" smoothly and accurately.

Cat. No.	Name	Wgt. — lbs. Net	Ship.
6826	Plane Attachment Set (with No. 682 Plane Attachment; No. 6824 Outboard Arbor Support; No. 6901 Regular Plane Cutter and No. 686 Arbor)	3	4
6820	Power Plane (No. 6826 Plane Attachment Set plus No. 680 Power Unit)	6	8
682	Plane Attachment (without cutters, arbor or arbor support)	2-1/2	3-1/2
6824	Outboard Arbor Support		4 oz.
686	Plane Cutter Arbor (Includes Chuck Shell and Hex Nut)		1 oz.
6901	Regular Plane Cutter (Carbon Tool Steel)		1-1/2 oz.
6902	Special Plane Cutter (Carbide-Tipped)		2-1/2 oz.

All items packed 1 in a box.

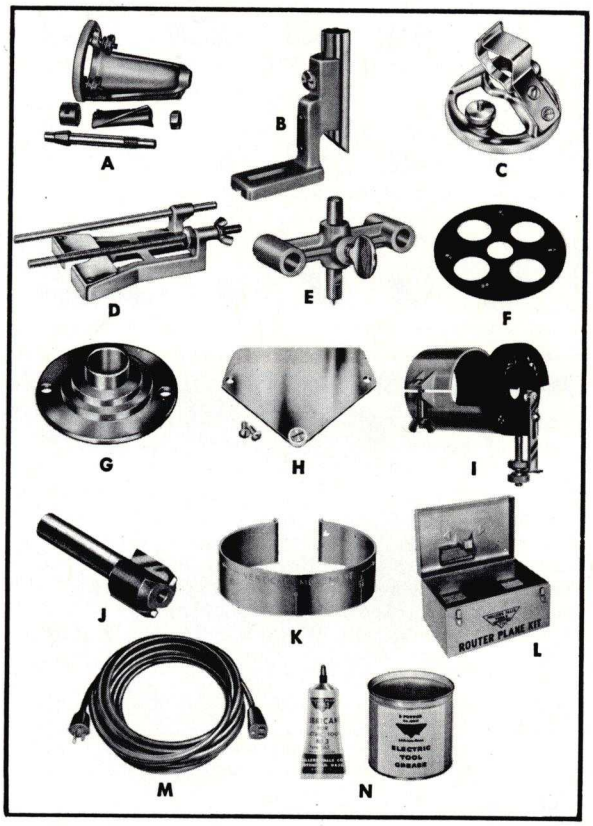


NO. 6818 SHAPER ATTACHMENT

Remarkably large table size (24" x 15" or twice the size of comparable units) . . . *amazingly low price* (1/3 the cost of some competitive models) . . . *built-in motor-mount* (eliminating time and trouble in attaching Power Unit) . . . *accurate depth adjustment* (instead of inaccurate, tricky hand and guesswork, No. 688 Depth Adjusting Scale provides easy, precise depth control) . . . and *rugged 1" marine plywood* (large lacquered, non-warp surface for easy clamping to bench of saw horse). A real standout for both shaping and jointing.

Packed 1 in a carton. Shipping weight: 12-1/4 lbs.

ACCESSORIES



A **NO. 6823 SHAPER ACCESSORY SET.** Quickly converts the No. 6818 Shaper Attachment into a jointer.

B **NO. 6821 SHAPER CIRCULAR GUIDE.** Mounts directly on Shaper Table. For shaping round and irregular pieces.

C **NO. 6819 EDGE TRIMMER GUIDE.** Fits on Power Unit cap for 45° bevel cuts. Adjusts for amount of bevel.

D **NO. 684 STRAIGHT AND CIRCULAR GUIDE.** Assures accurate cuts. Exclusive micrometer-screw adjustment.

E **NO. 683 TRAMMEL POINT.** Used with No. 684 for cutting circular grooves with radii from 3-3/8" to 8-1/2".

F **NO. 685 ROUTER SUB-BASE.** Special phenolic material prevents marring or scratching work. Accommodates popular templet guides.

G **TEMPLET GUIDES.** No. 6814 General Purpose. No. 6815 Recess and Insert. No. 6816 Hinge Butt (17/32"-5/8"). No. 6817 Hinge Butt (3/4"-29/32").

H **NO. 689 LAMINATE TRIMMER GUIDE.** For trimming overhang of laminates flush with edge of supporting wood. Used with 684 Straight and Circular Guide.

I **NO. 6810 LAMINATE TRIMMER BASE.** Unique design permits edge trimming of post-formed laminates in tight-radii curves or "gutters". With 6924 Bit, also does 15° bevel trimming on long laminate tops.

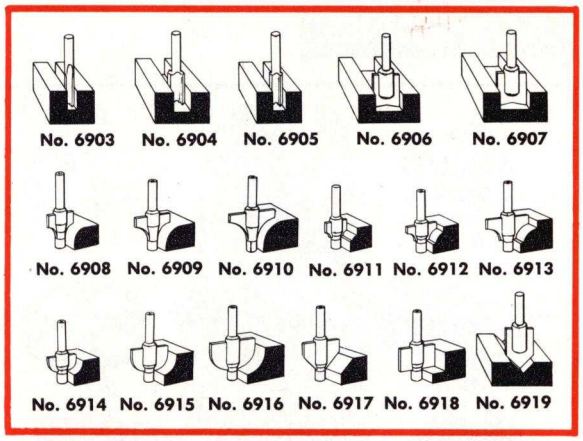
J **NO. 6924 LAMINATE TRIMMER BIT.** Carbide-tipped and with exclusive "three-way" cutting action. Does all three: end, bevel, and flush cuts.

K **NO. 688 DEPTH ADJUSTING SCALE.** Clips to 680 Power Unit and makes it easy to set depth of cut by sight to 64ths for precision results.

L **NO. 687 CARRYING CASE.** 17" x 11" x 9".

M **NO. 6825 EXTENSION CORD.** 25 ft., 18-gauge, 3-conductor, Type S cord, with molded plug.

N **ELECTRIC TOOL GREASE.** Special lithium-base formula. No. 19316 4-oz. tube. No. 19317 5-lb. can.



M-2 HIGH SPEED STEEL ROUTER BITS

Truly revolutionary in concept, design and material. Made of special M-2 High Speed Steel (the same steel used in the finest Millers Falls Hacksaw Blades), this line includes 17 of the fastest selling bits and in the patented new design types, the cost is about 1/3 less than competitive listings. Fast, accurate and smooth cutting, they have been "Life Tested" and proved to be unbreakable under ordinary use and unbeatable for performance. All have 1/4" shanks and will fit any router on the market.

No.	Diam.	Type	Shipping Weight
6903	1/4"	Straight Bit	2 ozs.
6904	3/8"	Straight Bit	2 ozs.
6905	1/2"	Straight Bit	2 ozs.
6906	5/8"	Straight Bit.	3 ozs.
6907	3/4"	Straight Bit	5 ozs.
6908	1/4"	Corner Round Bit	5 ozs.
6909	3/8"	Corner Round Bit	5 ozs.
6910	1/2"	Corner Round Bit	5 ozs.
6911	1/8"	Beading Bit	5 ozs.
6912	1/4"	Beading Bit	5 ozs.
6913	3/8"	Beading Bit	5 ozs.
6914	1/4"	Cove Bit	5 ozs.
6915	3/8"	Cove Bit	5 ozs.
6916	1/2"	Cove Bit	5 ozs.
6917		Chamfer Bit	5 ozs.
6918		Rabbeting Bit	5 ozs.
6919		V-Grooving Bit	5 ozs.

Packed 5 in a box.

No. RB-44 ROUTER BIT MERCHANDISER — See page 8.

NO. 6977 BASIC BIT KIT

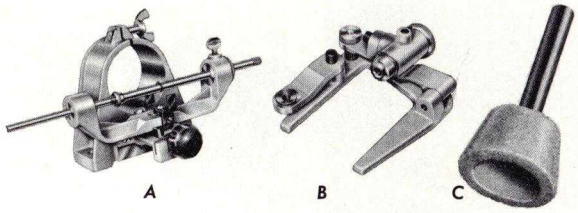
This Kit consists of Bits 6903, 6909 and 6918, and Cup Grinding Wheel No. 6920, nested in a vacuum-formed styrene kit.

Packed 1 in a box. Shipping weight: 1-1/8 lbs.

NO. 6999 DELUXE BIT KIT

A set of the 6 most useful bits — Nos. 6903, 6905, 6909, 6912, 6918, 6919, and Cup Grinding Wheel No. 6920. Contour nested in attractive, vacuum-formed kit.

Packed 1 in a box. Shipping weight: 1-3/4 lbs.



A **NO. 6811 PLANE CUTTER SHARPENING FIXTURE.** Used with No. 680 Power Unit for sharpening plane cutters with either spiral or straight flutes.

B **NO. 6812 ROUTER BIT SHARPENING FIXTURE.** Quickly pays for itself in better, faster cutting bits. Used with No. 6800 Router complete with base.

C **NO. 6920 CUP GRINDING WHEEL.** This wheel is correct for sharpening regular carbon steel and high speed steel bits and cutters. For carbide-tipped tools, a diamond cup wheel should be obtained.

KITS

NO. 6880 ROUTER-PLANE KIT

This is an exceptionally handy kit for the builder or craftsman. It's tops in convenience, because it can be taken right to the job. It consists of the No. 680 Power Unit . . . No. 681 Router Base . . . No. 682 Plane Attachment . . . No. 684 Straight and Circular Guide . . . No. 686 Plane Cutter Arbor . . . No. 6824 Outboard Arbor Support . . . No. 6901 Regular Plane Cutter . . . No. 6977 Basic Bit Kit . . . No. 688 Depth Adjusting Scale . . . No. 687 Case.

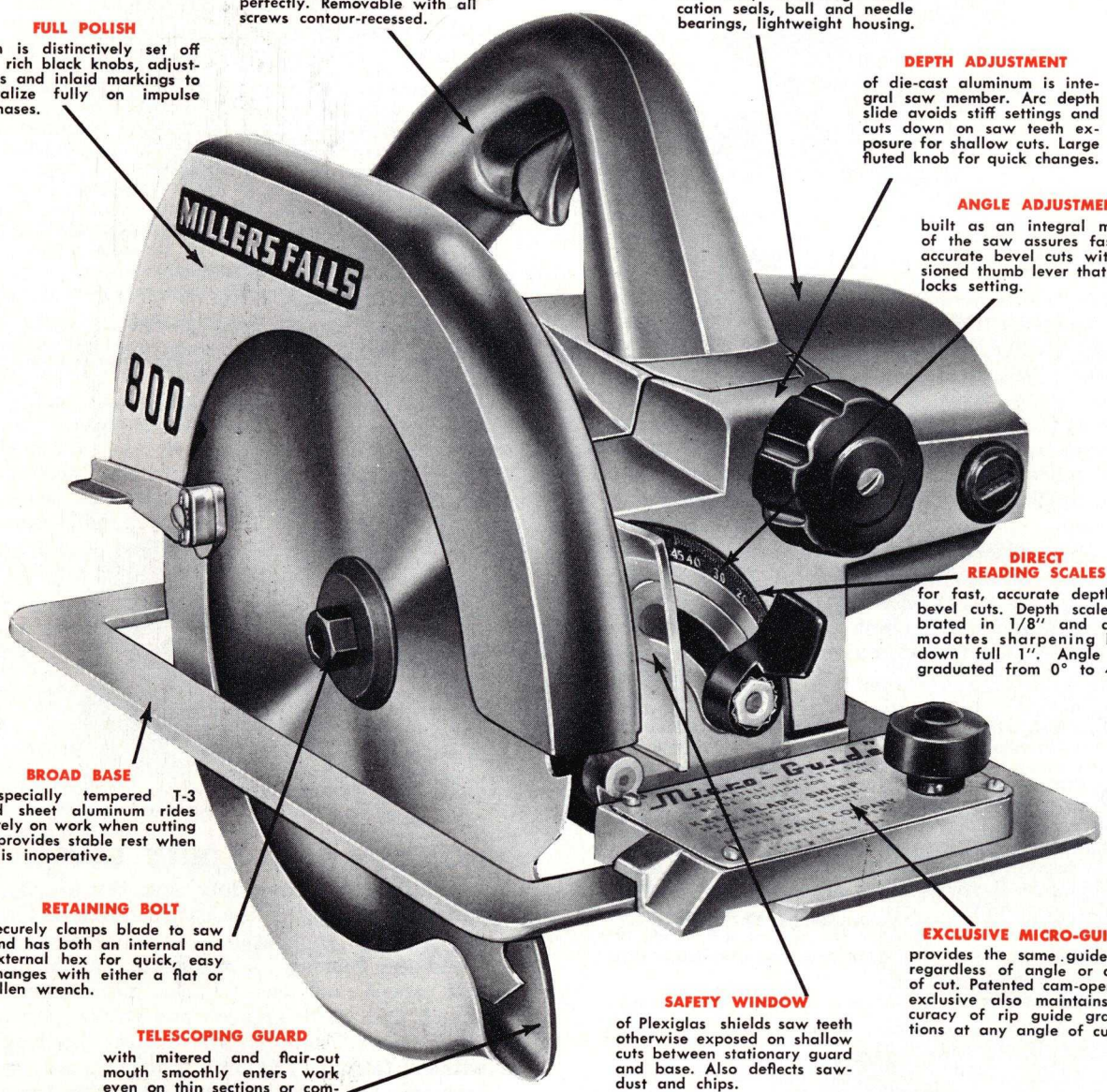
Packed 1 kit in a carton. Shipping weight: 24 lbs.

NO. 6885 LAMINATE TRIMMER KIT

This is a complete tool assortment for handling and installation of all plastic laminates. It consists of No. 680 Power Unit . . . No. 681 Router Base . . . No. 682 Plane Attachment . . . No. 684 Straight and Circular Guide . . . No. 685 Router Sub-Base . . . No. 686 Plane Cutter Arbor . . . No. 689 Laminate Trimmer Guide . . . No. 6810 Laminate Trimmer Base . . . No. 6814 Templet Guide . . . No. 6815 Templet Guide . . . No. 6819 Edge Trimmer Guide . . . No. 6824 Outboard Arbor Support . . . No. 6901 Regular Plane Cutter . . . No. 6902 Carbide-Tipped Plane Cutter . . . No. 6924 Carbide-Tipped Laminate Trimming Bit . . . No. 6825 25-ft. Extension Cord . . . and No. 687 Metal Case.

Packed 1 kit in a carton. Shipping weight: 29 lbs.

5 deep-cut Millers Falls full-power circular saws



SPECIAL HANDLE DESIGN
blends into saw lines, affords full palm grip, slopes into thrust position and balances perfectly. Removable with all screws contour-recessed.

FULL-POWER MOTOR
offers tremendous cutting capacity through entirely new design with "high power" armatures, "low drag" lubrication seals, ball and needle bearings, lightweight housing.

FULL POLISH
finish is distinctively set off with rich black knobs, adjustments and inlaid markings to capitalize fully on impulse purchases.

DEPTH ADJUSTMENT
of die-cast aluminum is integral saw member. Arc depth slide avoids stiff settings and cuts down on saw teeth exposure for shallow cuts. Large fluted knob for quick changes.

ANGLE ADJUSTMENT
built as an integral member of the saw assures fast and accurate bevel cuts with tensioned thumb lever that firmly locks setting.

DIRECT READING SCALES
for fast, accurate depth and bevel cuts. Depth scale calibrated in 1/8" and accommodates sharpening blade down full 1". Angle scale graduated from 0° to 45°.

BROAD BASE
of specially tempered T-3 rolled sheet aluminum rides squarely on work when cutting and provides stable rest when saw is inoperative.

RETAINING BOLT
securely clamps blade to saw and has both an internal and external hex for quick, easy changes with either a flat or Allen wrench.

EXCLUSIVE MICRO-GUIDE®
provides the same guide line regardless of angle or depth of cut. Patented cam-operated exclusive also maintains accuracy of rip guide graduations at any angle of cut.

SAFETY WINDOW
of Plexiglas shields saw teeth otherwise exposed on shallow cuts between stationary guard and base. Also deflects sawdust and chips.

TELESCOPING GUARD
with mitered and flair-out mouth smoothly enters work even on thin sections or compound mitres. Large retracting lever safely swings guard from blade for pocket cuts.

THREE HEAVY DUTY MODELS

800 8-1/4" • 747 7-1/4" • 646 6-1/2"

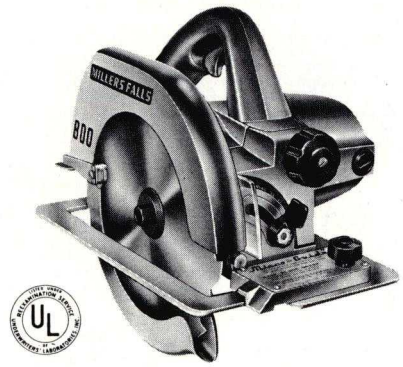
Three powerful, contractors' and builders' saws with outstanding professional quality, tremendous cutting capacity, and exceptional light weight. It adds up to tireless all-day sawing with speed, ease and power to spare! All of these saws have the amazing Micro-Guide and other features highlighted in the captions above. In every way, they are real standouts that will outperform all others in their class.

TWO STANDARD DUTY MODELS

727 7" • 626 6-1/2"

Two rugged saws with a tremendous 50% power boost over previous models. They've plenty of cutting capacity to easily tackle 90% of all jobs in the complete light to heavy duty saw range. Both models truly represent professional quality at popular prices.

This great Millers Falls saw line offers a saw for every buyer . . . a saw for every job . . . and a saw in every price range. "Put them to the wood . . . and purchase on performance!"



NO. 800 HEAVY DUTY SAW

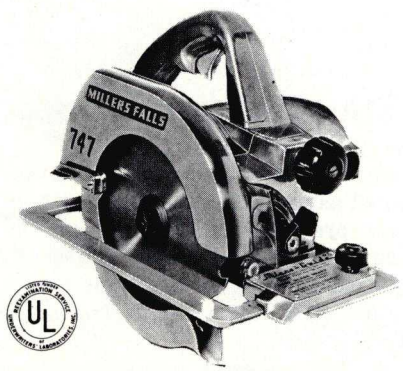
A powerful lightweight Contractor's Special with tremendous cutting capacity and all the Millers Falls quality features — Micro-Guide, safety window, full polish, integral depth and angle adjustments, wide base, direct-reading scales, telescoping guard, full-power motor and rugged construction throughout. This sturdy 2 H.P., 13 amp. model makes light work out of every heavy duty application. Cuts rafters, studs, joists and flooring . . . crosscuts, rips and trims with speed and ease. Develops more power for less weight than any in its class. Cuts a full 2-7/8" at 90° and exceeds other saws at 45° with 2-9/32" capacity. Represents best possible combination of performance, power and price!

BLADE DIAMETER: 8-1/4". **BLADE TYPE:** Combination. **MOTOR:** Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 13.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Ball and needle bearings throughout. **SWITCH:** Double pole trigger switch. **CAPACITY:** 2-7/8" at 90°, 2-9/32" at 45°. **HORSEPOWER:** 2.0. **NO LOAD SPEED:** 5500 RPM. **NET WEIGHT:** 13-1/4 lbs. **OVERALL HEIGHT:** 10-1/8". **OVERALL WIDTH:** 9-1/4". **OVERALL LENGTH:** 11-7/8". **CORD:** 10 feet, 16-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** No. 7825 8-1/4" combination blade, blade-changing wrench and tube of lubricant.

Packed 1 in a box. Shipping weight: 17-7/8 lbs.

ACCESSORY EQUIPMENT: No. 8674 Gray Enameled Steel Carrying Case. No. 7478 Rip Guide.

NO. 8800 SAW KIT: No. 800 Saw complete with No. 8674 Carrying Case.



NO. 747 HEAVY DUTY SAW

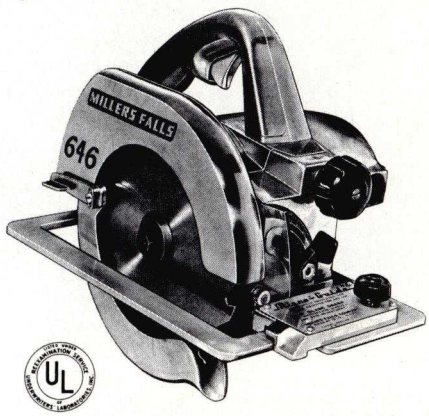
A general purpose saw with the same Millers Falls quality features as are in the 800, ideal for every job from sizing form lumber to the toughest ripping assignment. With the same heavy duty "plus" power, excellent balance, quick-change adjustments for depth and bevel cuts and exceptional light weight, it's perfect for those scaffolding, trimming, sheathing and siding jobs that involve difficult operating positions. It can go to any job and outperform comparable models.

BLADE DIAMETER: 7-1/4". **BLADE TYPE:** Combination. **MOTOR:** Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 12.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Ball and needle throughout. **SWITCH:** Double pole trigger switch. **CAPACITY:** 2-3/8" at 90°, 2" at 45°. **HORSEPOWER:** 2.0. **NO LOAD SPEED:** 5500 RPM. **NET WEIGHT:** 12-1/2 lbs. **OVERALL HEIGHT:** 9-5/8". **OVERALL WIDTH:** 9-1/4". **OVERALL LENGTH:** 11-7/8". **CORD:** 10 feet, 16-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** No. 7725 7-1/4" Combination Blade, blade changing wrench and tube of lubricant.

Packed 1 in a box. Shipping weight: 16-7/8 lbs.

ACCESSORY EQUIPMENT: No. 8674 Gray Enameled Steel Carrying Case. No. 7478 Rip Guide.

NO. 7747 SAW KIT: No. 747 Saw complete with No. 8674 Carrying Case.



NO. 646 HEAVY DUTY SAW

An all-purpose heavy duty saw, this sturdy, full power model tackles the entire range of light to heavy duty applications. Cuts rafters, studs, joists and flooring . . . crosscuts, rips and trims with speed and ease. Packs more power per pound. Can go to any job and outperform other 6-1/2" saws. Light weight insures day-long use without fatigue. For men who purchase on performance, it represents big saw value for small dollar outlay. A great all around saw buy.

BLADE DIAMETER: 6-1/2". **BLADE TYPE:** Combination. **MOTOR:** Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 10.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Ball and needle throughout. **SWITCH:** Double pole trigger switch. **CAPACITY:** 2" at 90°, 1-11/16" at 45°. **HORSEPOWER:** 1.5. **NO LOAD SPEED:** 5500 RPM. **NET WEIGHT:** 11-1/2 lbs. **OVERALL HEIGHT:** 9-5/8". **OVERALL WIDTH:** 9-1/4". **OVERALL LENGTH:** 11-7/8". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug. **STANDARD EQUIPMENT:** No. 7650 6-1/2" combination blade, blade-changing wrench and tube of lubricant.

Packed 1 in a box. Shipping weight: 16 lbs.

ACCESSORY EQUIPMENT: No. 8674 Gray Enameled Carrying Case. No. 7478 Rip Guide.

NO. 6460 SAW KIT: No. 646 Saw complete with No. 8674 Carrying Case.

NO. 727 STANDARD DUTY SAW

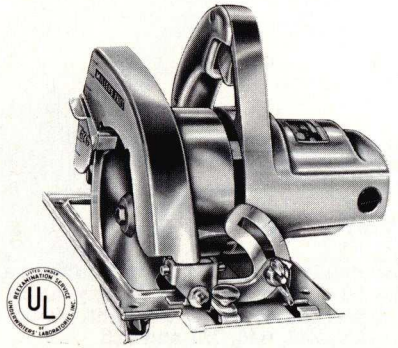
A large, rugged Carpenter's Model with ample power and capacity to tackle 90% of all builders' jobs from trimming to framing. Sturdy and powerful, its new motor design delivers a 50% power boost over the previous 700 model and enables it to knife through finished 2" lumber at 45° with solid dependability. A fine saw with perfect balance, it has quality construction throughout with ball and self-lubricating bronze bearings, full-polish die-cast aluminum frame and precision cut gears. This outstanding 7" saw represents a really big performance value for small dollar outlay.

BLADE DIAMETER: 7". **BLADE TYPE:** Combination. **MOTOR:** Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 9.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Ball and self-lubricating bronze. **SWITCH:** Double pole trigger switch. **CAPACITY:** 2-7/16" at 90°, 1-13/16" at 45°. **HORSEPOWER:** 1.5. **NO LOAD SPEED:** 6500 RPM. **NET WEIGHT:** 10-7/8 lbs. **OVERALL HEIGHT:** 9-5/8". **OVERALL WIDTH:** 9-5/8". **OVERALL LENGTH:** 11-3/8". **CORD:** 10 feet, 18-gauge, 3-conductor, Type SJ, with molded plug. **STANDARD EQUIPMENT:** No. 7002 7" Combination Blade, blade-changing wrench and tube of lubricant.

Packed 1 in a box. Shipping weight: 15-1/2 lbs.

ACCESSORY EQUIPMENT: No. 7000 Gray Enameled Steel Carrying Case. No. 7478 Rip Guide.

NO. 7270 SAW KIT: No. 727 Saw complete with No. 7000 Carrying Case.



NO. 626 STANDARD DUTY SAW

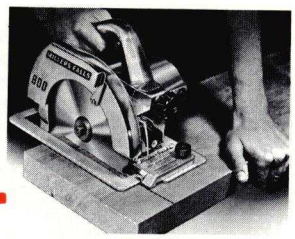
A perfect saw with professional features and performance for the craftsman and homeowner faced with the entire range of light to heavy duty applications. Has 50% power boost over previous model. Swings through practically every common cut including compound mitres in 2" dressed lumber at 45°. Hardened precision cut gears of alloy steel, self-lubricating bronze bearings and a strong, compact housing add up to rugged dependability. Positive safety features include smoothly operating telescoping guard, large side lever for blade retraction and perfect working balance. Calibrated index for angle cuts. Light weight and fine balance insure day-long use without fatigue.

BLADE DIAMETER: 6-1/2". **BLADE TYPE:** Combination. **MOTOR:** Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 8.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full polish. **BEARINGS:** Self-lubricating bronze. **SWITCH:** Double pole trigger switch. **CAPACITY:** 2-3/16" at 90°, 1-3/4" at 45°. **HORSEPOWER:** 1.0. **NO LOAD SPEED:** 5000 RPM. **NET WEIGHT:** 9-1/4 lbs. **OVERALL HEIGHT:** 9-1/4". **OVERALL WIDTH:** 9-5/8". **OVERALL LENGTH:** 10-1/2". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug. **STANDARD EQUIPMENT:** No. 7650 6-1/2" Combination Blade, blade-changing wrench and tube of lubricant.

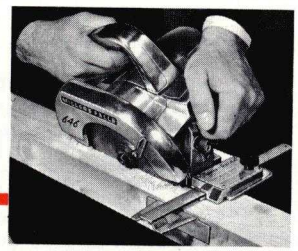
Packed 1 in a box. Shipping weight: 12-3/4 lbs.

ACCESSORY EQUIPMENT: No. 6200 Gray Enameled Steel Carrying Case. No. 7478 Rip Guide.

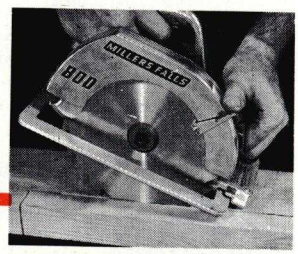
NO. 6260 SAW KIT: No. 626 Saw complete with No. 6200 Carrying Case.



SIZING LUMBER hour after hour for construction jobs is easy with the No. 800. An exceptional combination of light weight and power makes this possible.



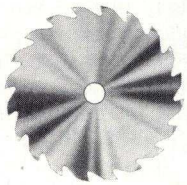
RIPPING AT AN ANGLE, Millers Falls Saws take a deep bite. The No. 7478 Rip Guide and the Micro-Guide work together to keep the cutting line true. There's little chance of going wrong with these two on the job!



ENTERING POCKET CUT with greater safety is possible with the No. 800 Saw because of the large size retracting lever and smooth-swinging guard. All types of tricky cuts such as this one are possible with the No. 800.

USING AN ABRASIVE BLADE, the No. 646 heavy duty Saw smoothly cuts its way through a cement block. Pipe, tile, brick and similar hard, tough materials can also be sawed by this method with speed and ease.

All blades 5½" and larger have standard ½" arbor holes with knock-out bushings for ⅝" holes. Blades smaller than 5½" have ½" holes.



CHISEL-TOOTH COMBINATION BLADES are standard equipment on all Millers Falls Power Saws because they are the best blades for general purpose work. Other types are available for specialized sawing.

No. 7825 ..... 8-1/4"	No. 3252 ..... 6-1/4"
No. 7725 ..... 7-1/4"	No. 6102 ..... 6"
No. 7002 ..... 7"	No. 7550 ..... 5-1/2"
No. 7650 ..... 6-1/2"	No. 7500 ..... 5"

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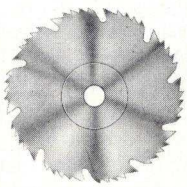
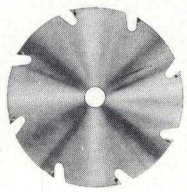


HOLLOW-GROUND MITRE OR PLANER BLADES make extremely smooth crosscut or ripping cuts. The hollow grinding is the reason. Because of this feature, these blades are used extensively for interior woodwork.

No. 7826 ..... 8-1/4"	No. 6254 ..... 6-1/4"
No. 7726 ..... 7-1/4"	No. 6104 ..... 6"
No. 7004 ..... 7"	*No. 7551 ..... 5-1/2"
No. 7654 ..... 6-1/2"	*No. 7501 ..... 5"

*Not Hollow Ground

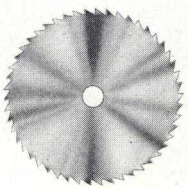
Packed 1 in a fibre envelope.



CARBIDE-TIPPED BLADES are by far the keenest and longest-lasting ever developed, retaining their cutting edge up to 50 times longer than steel. Tungsten-Carbide Tips are brazed onto a hard alloy steel blade.

No. 7827 ..... 8"	No. 7006 ..... 7"
	No. 6106 ..... 6"

Packed 1 in a fibre envelope.



FLOORING BLADES (known also as Nail Blades) are for sawing where random nails may be encountered. They are commonly used for such operations as cutting old flooring, reclaimed lumber, packing cases, etc.

No. 7828 ..... 8-1/4"	No. 7658 ..... 6-1/2"
No. 7727 ..... 7-1/4"	No. 6108 ..... 6"
No. 7008 ..... 7"	No. 7552 ..... 5-1/2"
	No. 7502 ..... 5"

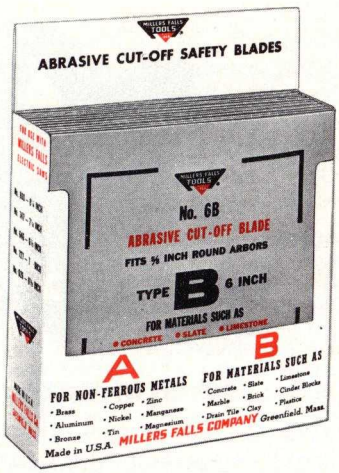
Packed 1 in a fibre envelope.

Abrasive cut-off wheels have ⅝" holes

ABRASIVE CUT-OFF WHEELS for sawing, slotting and grooving hard, dense materials. Resinoid bonded for long life and safe operation at high speeds. Two types: 1) For non-ferrous metals. 2) For masonry, brick, stone, tile, concrete and cinder block, etc.

Non-Ferrous	Masonry
No. 8A ..... 8"	No. 8B ..... 8"
No. 7A ..... 7"	No. 7B ..... 7"
No. 6A ..... 6"	No. 6B ..... 6"

Packed 1 in a fibre envelope



NO. 1678 ABRASIVE DISC MERCHANDISER

Display package contains a complete assortment of abrasive cut-off wheels to fit all standard portable electric saws. Includes three each No. 6B and 7B blades, two each Nos. 6A and 8B and one each Nos. 7A and 8A. Display free with the blade assortment.

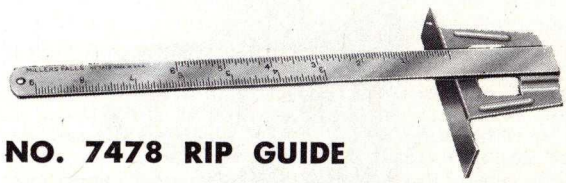
Packed 1 in a box. Shipping weight: 6-1/8 lbs.

SAW CARRYING CASES AND KITS

Sturdy, well proportioned steel cases are available in three sizes to fit the five saws in the new Millers Falls saw line. They may be bought separately, or as kits, with their respective saws packed inside. They have top handles so that the saw is carried in an upright position. Finished in hammertone gray enamel.

Saw Number	Case Number	Case Shipping Weight	Kit Number	Kit Shipping Weight
800	8674	10½ lbs.	8800	27 lbs.
747	8674	10½ lbs.	7747	24⅜ lbs.
646	8674	10½ lbs.	6460	22¾ lbs.
727	7000	10½ lbs.	7270	23⅝ lbs.
626	6200	8¾ lbs.	6260	19⅝ lbs.

Packed 1 in a box.



NO. 7478 RIP GUIDE

This accurately graduated guide attaches to the saw. The "T" member slides snugly along the side of the work, assuring a straight, true cut. For saws Nos. 800, 747, 646, 727 and 626.

Packed 1 in a box. Shipping weight: 5/8 lb.

ELECTRIC TOOL GREASE

This lithium-base grease is efficient over a wide temperature range. Ideal for gears, ball and sleeve bearings. No. 19316 4-oz. tube. No. 19317 5-lb. can.

new Millers Falls reciprocating Super Saw

LOCKING TRIGGER SWITCH

Double pole trigger switch . . . fully enclosed . . . Has lock button with automatic release.

OUT-OF-WAY CORD

"Low-point" locating of cord leaves complete handle accessible for full, tight grip, clears view for straight, accurate cuts, and avoids undue strain on cord by eliminating unnecessary kinking and bending.

POWERFUL MF MOTOR

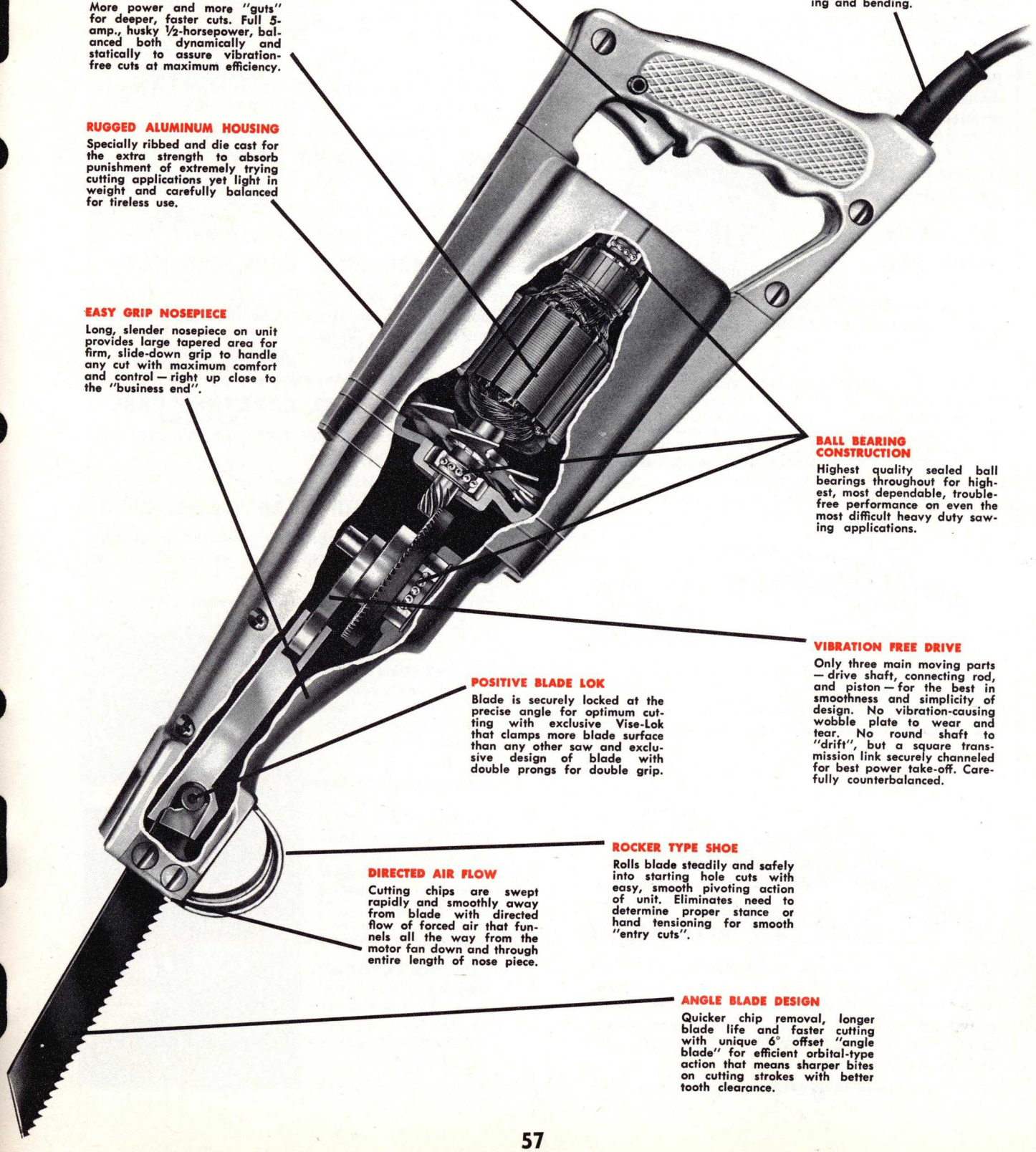
More power and more "guts" for deeper, faster cuts. Full 5-amp., husky ½-horsepower, balanced both dynamically and statically to assure vibration-free cuts at maximum efficiency.

RUGGED ALUMINUM HOUSING

Specially ribbed and die cast for the extra strength to absorb punishment of extremely trying cutting applications yet light in weight and carefully balanced for tireless use.

EASY GRIP NOSEPIECE

Long, slender nosepiece on unit provides large tapered area for firm, slide-down grip to handle any cut with maximum comfort and control — right up close to the "business end".



BALL BEARING CONSTRUCTION

Highest quality sealed ball bearings throughout for highest, most dependable, trouble-free performance on even the most difficult heavy duty sawing applications.

VIBRATION FREE DRIVE

Only three main moving parts — drive shaft, connecting rod, and piston — for the best in smoothness and simplicity of design. No vibration-causing wobble plate to wear and tear. No round shaft to "drift", but a square transmission link securely channeled for best power take-off. Carefully counterbalanced.

POSITIVE BLADE LOK

Blade is securely locked at the precise angle for optimum cutting with exclusive Vise-Lok that clamps more blade surface than any other saw and exclusive design of blade with double prongs for double grip.

ROCKER TYPE SHOE

Rolls blade steadily and safely into starting hole cuts with easy, smooth pivoting action of unit. Eliminates need to determine proper stance or hand tensioning for smooth "entry cuts".

DIRECTED AIR FLOW

Cutting chips are swept rapidly and smoothly away from blade with directed flow of forced air that funnels all the way from the motor fan down and through entire length of nose piece.

ANGLE BLADE DESIGN

Quicker chip removal, longer blade life and faster cutting with unique 6° offset "angle blade" for efficient orbital-type action that means sharper bites on cutting strokes with better tooth clearance.

NO. 550 SUPER SAW

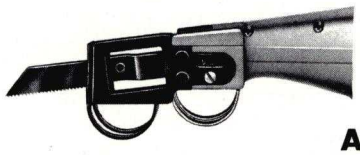
Heavy duty saw slices through the toughest cutting jobs in wood, metal and compositions. Rugged, vibration-free reciprocating mechanism takes the most grueling continuous-duty punishment. Ball bearing construction. 2500 strokes per minute (19/32"). Complete kit includes Super Saw, Carrying Case, 12 assorted blades, lubricant and blade wrench.

NO. 0550 SUPER SAW

This is the basic Super Saw with 12 assorted blades, lubricant and blade wrench, *but without carrying case.*

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 5.0 at 115 volts. **HORSEPOWER:** 1/2. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Silver-Gray enamel. **BEARINGS:** Grease sealed ball bearings throughout. **STROKES PER MINUTE:** 2500. **LENGTH OF STROKE:** 19/32". **NET WEIGHT:** 7-1/2 lbs. **OVERALL LENGTH:** 16-1/2". **CORD:** 10 feet, 18-gauge, 3-conductor with molded plug.

Packed 1 in a box. Shipping weights: (550) 18 lbs.; (0550) 10 lbs.



NO. 5528 FLUSH-CUT ATTACHMENT

Exclusive Flush-Cut attachment mounts quickly on Super Saw . . . cuts flush against any surface in any position. Reversible for right or left hand cuts. Special rocker-type shoe for easy plunge cuts.

Packed 1 in a box. Shipping weight: 1/2 lb.

NO. 5525 DIRECT DRIVE SUPER SAW ATTACHMENT

Quickly converts any suitable electric drill into a low-cost, high-performance Super Saw. Driven directly from drill spindle for maximum power, minimum vibration. Recommended power — any heavy duty 1/4," 5/16" or 3/8" drill with 1750 to 3500 RPM.

Packed 1 in a box. Shipping weight: 4 lbs.

NO. 5526 DIRECT DRIVE SUPER SAW KIT (Complete with Drill)

Includes No. 5525 Direct Drive Attachment, No. 1234 Ball-Bearing Drill, six assorted blades, lubricant, wrenches and carrying case.

Packed 1 in a box. Shipping weight: 16 lbs.

NO. 5527 DIRECT DRIVE SUPER SAW KIT

Includes same as No. 5526 Kit but *without drill.*

Packed 1 in a box. Shipping weight: 12 lbs.

NO. 5529 STEEL CARRYING CASE

Strong steel case for No. 5525 Super Saw Attachment. Steel supports hold saw and drill snugly in place. Same case as in Nos. 5526, 5527 kits.

Packed 1 in a box. Shipping weight: 7-1/2 lbs.

NO. 5530 STEEL CARRYING CASE

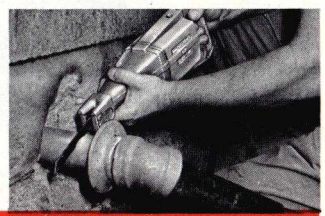
Fitted steel case is the same case furnished with the No. 550 Super Saw.

Packed 1 in a box. Shipping weight: 7-1/2 lbs.

NO. 5531 SUPER SAW LUBRICANT

Special non-fluid lubricant packaged in convenient tube which screws into grease fitting on Super Saw housing.

Packed 1 in a box. Shipping weight: 1/2 lb.



CUTTING IRON PIPE in cramped quarters ceases to be a problem with Super Saw, which makes cuts inaccessible to other saws.

CUT-OUTS FOR SWITCH and fuse boxes are smoothly done in any type of wall by either Super Saw Attachment or self-powered unit.

SAWING THROUGH DOUBLE FLOOR flush against baseboard is routine for Super Saw with exclusive Millers Falls Flush-Cut Attachment.

SUPER SAW BLADES

Also fit other makes of reciprocating saws

Blade Type	Blade Number	Teeth Per Inch	Length Inches	Recommended for Cutting	Shipping Weights†
Roughing-In Blades	7-7T	7	6½	General wood roughing-in work and keyhole cuts.	2¼
	8-7T	7	12		1⅛
	S-2-7T	7	4½	Fast roughing-in work or circular cuts in wood or composition materials. Cuts through nails.	1½
All-Purpose Blades	4-6T	6	5¼	Insulating board, asbestos, Celotex and other composition materials without nails.	1⅞
	4-8T	8	5¼	Wood without nails, plywood, plaster, composition, 2" x 4" plates.	1⅞
	2-10T	10	3⅜	Nail embedded woods, 2" x 6" plates, plywood, heavy sections of soft metals. 12" blade for recessed cuts.	1⅛
	2-10T-R*	10	3⅜		1⅛
	4-10T	10	5¼		1⅞
	4-10T-R*	10	5¼		1⅞
	5-10T	10	6⅜		2½
	6-10T-12"	10	12		⅞
	1-14T	14	2⅜	Baseboards, soft metals, opening wooden crates and boxes.	¾
	2-18T	18	3⅜	Removing wood siding, opening crates, soft metals. 12" and 18" blades for recessed cuts.	1⅛
	4-18T	18	5¼		1⅞
	6-18T-12"	18	12		⅞
	6-18T-18"	18	18		1¼
Wood Scroll Blades	S-1-7T	7	3⅛	Scroll work and irregular contours in wood, fibreboard, plywood, plastics.	1⅛
Metal Scroll Blades (High Speed)	ST-2-10T	10	3⅝	Scroll work and irregular contours in heavy gauge metal, asbestos "Transite" siding.	1½
	ST-1-14T	14	2¼	Scroll work and irregular contours in formica, plastics and metal over ⅛" thick.	⅝
	ST-1-18T	18	2¼	Scroll work and irregular contours in metal heavier than 18 gauge.	⅝
	ST-1-24T	24	2¼	Scroll work and irregular contours in metal lighter than 18 gauge.	⅝
	ST-1-32T	32	2¼	Scroll work and irregular contours in very light gauge metal.	⅝
Metal Scroll Blades for Counter & Sink Top Openings (High Speed)	ST-3-24T	24	3⅛	Circular cuts and irregular contours for counter and sink top openings.	⅞
High Speed Metal Cutting Blades (Rapid Cutting)	T-1-18T	18	3⅞	Metals heavier than 18 gauge — conduit, pipe, channels, angle iron.	1
	T-1-24T	24	3⅞	Metals lighter than 18 gauge — sheet metal, trim strips, tubing.	1
	T-1-32T	32	3⅞	Very light gauge metals — sheet metal, trim strips, tubing.	1
High Speed Metal Cutting Blades (Heavy Duty)	HD-2-14T	14	3⅜	Heavy gauge metals — angle iron, bar stock, heavy pipe, masonite, fibreglass.	1⅛
	HD-3-14T	14	6		1⅞
	HD-1-18T	18	2⅛	Metals heavier than 18 gauge — conduit, pipe, channels, angle iron.	¾
	HD-2-18T	18	3⅜		1⅛
	HD-3-18T	18	6		1⅞
	HD-1-24T	24	2⅛	Metals lighter than 18 gauge — sheet metal, trim strips, tubing.	¾
	HD-2-24T	24	3⅜		1⅛
	HD-1-32T	32	2⅛	Very light gauge metals — sheet metal, trim strips, tubing.	¾
	HD-2-32T	32	3⅜		1⅛
Non Ferrous & Green Lumber (High Speed)	NF-1	5	4⅞	Fast cutting of non ferrous metals and green lumber.	2⅛

*Reverse cutting teeth

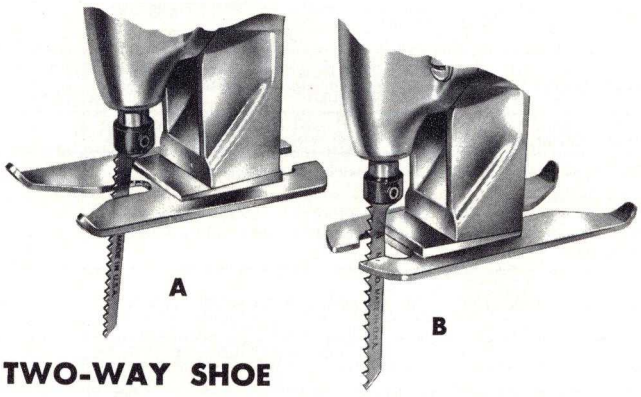
†Shipping weights in lbs. per master pack of 50 blades

12" and 18" blades packed 10 blades in a box. All others packed 10 blades in a plastic hang-up sleeve — 5 sleeves (50 blades) in a master pack.

NO. 560 SABRE SAW

(Deluxe ball-bearing model)

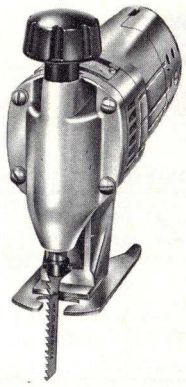
It's six saws in one — jig saw, hacksaw, coping saw, ripsaw, crosscut saw and keyhole saw! Two-way shoe and rotatable blade permit sawing within less than an inch of walls, baseboards, etc. Patented "angle blade" design improves chip clearance and increases cutting speed. Saws straight lines, curves and irregular shapes in hard and soft woods, metals, plastics and composition materials. Cuts its own starting hole in wood. Continuous air blast keeps cutting line free of sawdust and chips. Exclusive Millers Falls design features make it the fastest cutting saw in its class.



TWO-WAY SHOE

A. With shoe mounted in this position patented angle blades are used . . . for extremely fast cutting action. Teeth bite in hard on up-strokes — draw away from work on down-strokes.

B. With shoe mounted in this position forward pitch is eliminated and straight blades are used for close quarters cuts and extra-smooth cuts in plywood and plastic laminates.

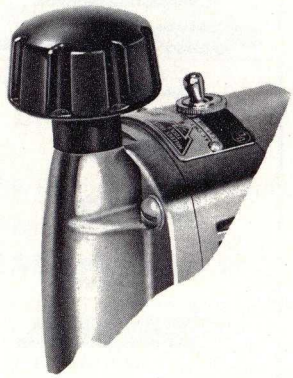


ROTATABLE BLADE

With shoe in Special Position, blade may be turned and locked at any 90° position. For cuts next to baseboards, etc., set blade sidewise. Remove knob for closer cuts.

EASY-TO-REACH SWITCH

The No. 560 is equipped with a quick-acting toggle switch located on the top of the motor housing — instantly accessible for fast, convenient starting and stopping.

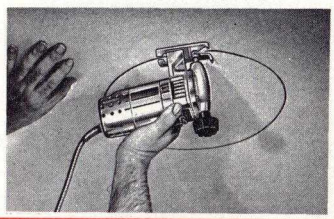


NON-SLIP PLASTIC KNOB

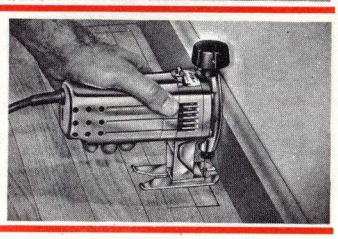
New serrated knob specially designed for No. 560 Jig Saw provides surer, more comfortable grip. Hex key for blade changing is inserted into knob — always on the job when needed.

MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 2.5. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full Polish. **BEARINGS:** Ball bearing armature, others self-lubricating sleeve type. **CAPACITY:** Up to 1-3/4" in wood, 1/8" in metal. **STROKES PER MINUTE:** 3000 (1/2"). **NET WEIGHT:** 3-1/4 lbs. **HEIGHT:** Base to top of handle, 6". **OVERALL LENGTH:** 7-1/2". **CORD:** 7 feet, 18-gauge, 3-conductor, Type SJ, with molded plug. **STANDARD EQUIPMENT:** Eight blades — four wood cutting, four metal cutting. Hex wrench for changing blades.

Packed 1 in a display box. Shipping weight: 4-5/8 lbs.



EASY TO USE IN ANY POSITION because of its light weight. The No. 560 is shown cutting a ceiling hole which otherwise would have been a problem.



MAKES CLOSE QUARTERS CUTS easier, faster. Just reverse the shoe, rotate the blade 90°, and you're ready to start cutting to within 1" of walls, baseboards.

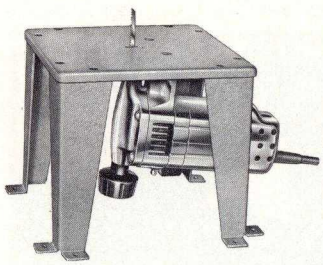
See next page for Jig Saw Table and Extra Blades.

NO. 360 SABRE SAW

Here's a real money-saving buy in a fast cutting, cool running sabre saw. New black plastic grip is formed to fit the hand — provides positive control for maximum sawing accuracy. Design includes Millers Falls patented "angle blade" construction which improves chip clearance and increases cutting speed. This No. 360 saws any shape FAST in hard or soft wood, metals, plastics, etc. Automatic air blast keeps cutting line clear. Cuts its own starting hole in wood. "Up-front" switch location for easier starting and stopping.

MOTOR: Universal 115 volts — AC only, 230 volts — AC-DC, 25/60 cycles. **VOLTAGES:** 115 (AC only) or 230. (Also see page 2) **AMPERES:** 2.5. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Full Polish. **BEARINGS:** Self-lubricating bronze. **CAPACITY:** Up to 1-3/4" in wood, 1/8" in metal. **STROKES PER MINUTE:** 3000 (1/2"). **NET WEIGHT:** 2-7/8 lbs. **HEIGHT:** Base to top of switch, 5". **OVERALL LENGTH:** 7-1/2". **CORD:** 6 feet, 18-gauge, 2-conductor, Type SJ, with molded plug. **STANDARD EQUIPMENT:** Two blades — one wood cutting, one metal cutting. Hex wrench for changing blades.

Packed in 3-Pak Display Carton similar to No. 1040 Drill — see page 17. Shipping Weight: 10-3/4 lbs.

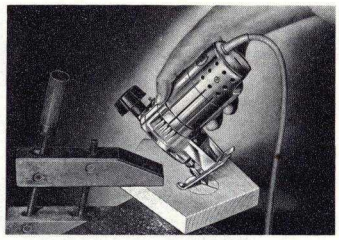


NO. 368 JIG SAW TABLE

Sturdy, heavy gauge steel table quickly converts either the No. 360 or the No. 560 Sabre Saw into a rigid bench jig saw for cutting out lighter, more exacting projects such as puzzles, cutout letters, etc. Table top is 8" by 8" — reinforced for extra strength. Legs can be bolted to bench for increased stability.

Packed 1 in a box. Shipping weight 3-1/4 lbs.

CUTS OWN STARTING HOLE IN WOOD — a big advantage over bandsaws. Both the No. 560 and No. 360 are ideal for inside cuts. No hole need be drilled — tip of blade cuts right through.



EXTRA BLADES

ANGLE BLADES

The following extra blades are supplied for a wide variety of applications in wood, metal, hardboard, felt, plastics, etc.

J—18-Tooth Metal Cutting
K—24-Tooth Metal Cutting
L—7-Tooth Wood Cutting
M—10-Tooth Wood Cutting
N—14-Tooth High Speed Metal Cutting
O—32-Tooth High Speed Metal Cutting
P—Knife (for felt, plastics, cardboard, sponge rubber, etc.)

Packed 3 blades in an envelope — 30 blades per box. Shipping weight: 1/4 lb.

NO. 481 SET OF BLADES consists of one each of blades L, M, N, and O in a handy plastic case. These blades will handle the majority of applications encountered.

Packed 10 sets in a box. Shipping weight: 3/8 lb.

DELUXE WOOD CUTTING BLADES. These blades are thicker and stronger. They are taper ground and are recommended where fine accuracy and smoothness are needed or where circular cuts are to be made.

X-2—Fine Tooth — very clean cut
X-3—Medium Tooth — clean cut
X-4—Coarse Tooth — fast cutting

Packed 12 in a box. Shipping weight: 1/8 lb.

X234 SET OF BLADES — One each of blades X-2, X-3, and X-4 in plastic case.

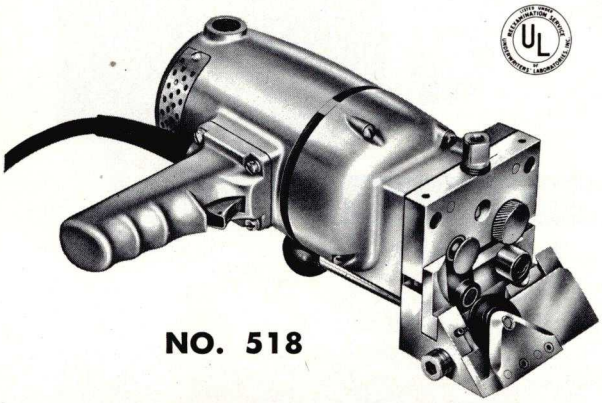
Packed 4 sets in a box. Shipping weight: 1/8 lb.

STRAIGHT BLADES

for use in No. 560 Sabre Saw with shoe in "Special Position"

See page 30 for illustrations and complete listing.

PITTSBURGH LOCK ROLLER



NO. 518

LECTRO-LOK

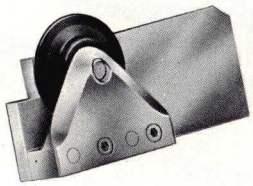
This self-propelled unit seams Pittsburgh lock joints quietly and effortlessly at rates anywhere from 18 to 30 feet per minute — depending upon the gauge of metal. It produces better seams without noise and in a fraction of the time needed by the old hammer method.

Every seam is smooth, tight and perfectly formed.

Completely portable, Lectro-Lok slashes trucking and storage expenses . . . no need to assemble ducts at the shop and then run up storage and trucking costs with the dead air space of bulky completed ducts. With quiet-running Lectro-Lok, material can be carried flat or in nested sections, then assembly can be completed on the job.

Lectro-Lok is easy to use. Tool is merely positioned on open seam so that guide roller rides on under edge of seam, locking lever is brought down, and trigger switch in handle is pressed. Lectro-Lok does the rest . . . automatically turning down flange and rolling it into a smooth, tight seam in a single forward operation.

Lectro-Lok rolls seams on inside and outside curves down to a small 10" radius. Heavy duty, ball bearing motor with 5 amp. rating provides ample power to seam heavy weight sheets.



INTERCHANGEABLE SLIDES FOR NO. 518 LECTRO-LOK

Just as it comes, Lectro-Lok handles any seaming job on metal weights 22 through 28 gauge. Accessory slides are available for gauges 18 through 24 and 18 through 22.

No. 32101 Lectro-Lok Slide. 5/16" Pocket — Metal Weights 20-22-24-26-28 (Standard Equipment — Shown on Machine).

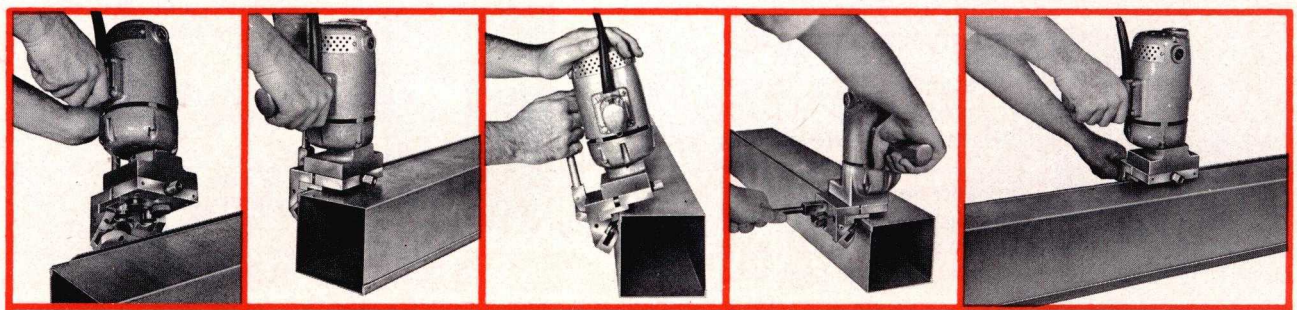
No. 32102 Lectro-Lok Slide. 3/8" Pocket — Metal Weights 18-20-22-24 (Accessory Equipment).

No. 32103 Lectro-Lok Slide. 1/2" Pocket — Metal Weights 18-20-22 (Accessory Equipment).

MOTOR: Universal AC/DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 5.0 at 115 volts. **BEARINGS:** Ball bearing armature, ball and needle bearing spindle, needle bearing intermediate pinions and seamer head. **GEARS:** Heat treated alloy steel. **BRUSHES:** Pigtail type, accessible from outside. **SWITCH:** Double pole, with lock and automatic trigger release. **CAPACITY:** Metal weights 22—28, accessory slides available for gauges 18—24 and 18—22. **NET WEIGHT:** 15 lbs. **OVERALL LENGTH:** 12". **CORD:** 10 feet, 3-conductor with molded plug.

Packed 1 in a box. Shipping weight: 17-1/4 lbs.

HERE'S HOW IT WORKS...



Open — ready to position	Positioned on open seam	Tilted to engage flange	Closed — ready to start	Rolling down flange quickly and quietly

PORTABLE ELECTRIC SHEAR

NO. 16 SHEAR

A high speed, lightweight electric metal shear capable of cutting 16 gauge (.060) steel and galvanized sheet — 50% greater capacity in aluminum, copper and other non-ferrous sheets. The No. 16 features an offset foot which provides excellent operator visibility at the point of contact along the cutting line on either outside or inside work. Inside cuts are started by slipping the forged shoe through a 2-1/2" hole.

The cut is fast and smooth. Blades are made of heat treated alloy steel and are ground precisely to critical angles. Adjustments for depth of cut and clearance can be made to produce the best and fastest results on various kinds and thicknesses of metal. Removal for sharpening or replacement is extremely easy. The two hex keys necessary for this are conveniently held in a friction retainer in the handle. A six-leaf thickness gauge for setting clearances is supplied.

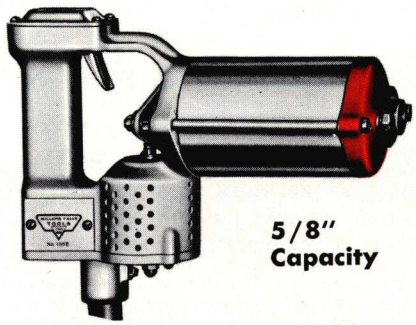
MOTOR: Universal AC-DC, 25/60 cycles. **VOLTAGES:** 115 or 230. (Also see page 2) **AMPERES:** 4.0 at 115 volts. **HOUSING:** Lightweight, die cast aluminum. **FINISH:** Hammertone gray enamel. **BEARINGS:** Ball and needle throughout. **BRUSHES:** Pigtail, accessible from outside. **GEARS:** Heat treated alloy steel. **SWITCH:** Double pole, fully enclosed. **CAPACITY:** 16 gauge steel and galvanized sheet. 50% greater on non-ferrous metals. **STROKES PER MINUTE:** 3750. **NET WEIGHT:** 8-3/4 lbs. **OVERALL HEIGHT:** 9-1/16". **OVERALL LENGTH:** 10-3/16". **CORD:** 10 feet, 18-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** No. 165 extra set of blades, 2 hex keys and 6-blade clearance gauge. **LUBRICANT:** A specially compounded, lithium-base grease is recommended for use with the No. 16 Shear. This may be obtained in tubes and cans. No. 19316 4-oz. tube. No. 19317 5-lb. can.

Packed 1 in a box. Shipping weight: 10-1/8 lbs.

CUTTING TRUE TO THE WORK LINE, the No. 16 Electric Shear cuts straight lines or irregular shapes easily and quickly . . . and accurately, because the cutting blades are always visible.

ELECTRIC HAMMERS
(For AC only)

ONLY ONE MOVING PART.
These powerful electric hammers have no motors, gears or bearings to wear out. Hammering action is produced by free piston, which two strong electromagnets force rapidly back and forth. Operation is simple, dependable, trouble-free with 3600 blows per minute to speed up all kinds of hammering jobs.



5/8" Capacity

NO. 1558 ELECTRIC HAMMER

Small and lightweight, the No. 1558 is extremely easy to handle. It's ideal for drilling small holes in brick and concrete, removing old putty, scaling paint and similar jobs.

VOLTAGES: 60 cycle 115 volt is standard. 50 cycle at no extra cost. Models for 25 cycle or 230 volt available at extra cost. **HOUSING:** Steel case, aluminum handle and nosepiece. **FINISH:** Aluminum painted. **SWITCH:** Single pole trigger switch. **CAPACITY:** 5/8" in concrete. **BLOWS PER MINUTE:** 3600 (60 cycle). **HAMMER NET WEIGHT:** 11-3/4 lbs. **OVERALL LENGTH:** 12". **CORD:** 15 feet, 16-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** No. 2312 star drill chuck, drift pin, tool retaining clip, 1/2-pint can of electric hammer oil, metal carrying case.

Packed 1 in a box. Shipping weight: 25 lbs.

1-1/8" Capacity

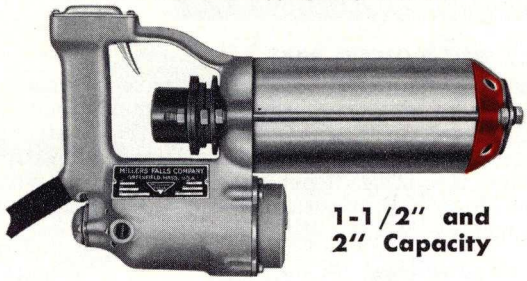
NO. 1716 ELECTRIC HAMMER

With three times the power of the No. 1558, the No. 1716 is a solid, thoroughly reliable unit for light cutting, heavy metal scaling, bush hammering concrete surfaces, calking and tamping.

VOLTAGES: 60 cycle 115 volt is standard. 50 cycle at no extra cost. Models for 25 cycle or 230 volt available at extra cost. **HOUSING:** Steel case, aluminum handle and nosepiece. **FINISH:** Aluminum painted. **SWITCH:** Single pole trigger switch. **CAPACITY:** 1-1/8" in concrete. **BLOWS PER MINUTE:** 3600 (60 cycle). **HAMMER NET WEIGHT:** 17 lbs. **OVERALL LENGTH:** 15". **CORD:** 15 feet, 16-gauge, 4-conductor, Type S, with molded plug. Also 10-foot extension. **STANDARD EQUIPMENT:** No. 3312 and 31418

star drill chucks, dry plate controller, drift pin, tool retaining clip, 1/2-pint can of electric hammer oil, metal carrying case.

Packed 1 in a box. Shipping weight: 40 lbs.



1-1/2" and 2" Capacity

NOS. 2516 AND 3216 ELECTRIC HAMMERS

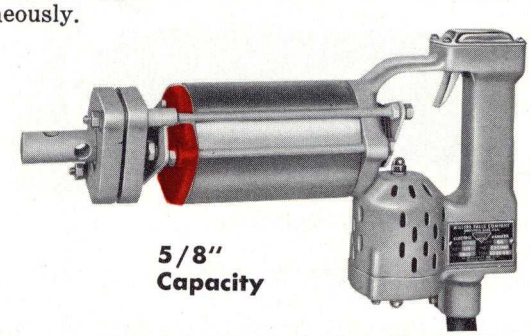
Here are two rugged, powerful hammers for heavy maintenance work and for the type of drilling, chipping and cutting done by general contractors and public utility companies.

VOLTAGES: 60 cycle 115 volt is standard. 50 cycle at no extra cost. Models for 25 cycle or 230 volt available at extra cost. **HOUSINGS:** Steel case, aluminum handle and nosepiece. **FINISH:** Aluminum painted. **SWITCHES:** Single pole trigger. **CAPACITIES:** (2516) 1-1/2" in concrete. (3216) 2" in concrete. **BLOWS PER MINUTE:** 3600 (60 cycle). **NET WEIGHTS OF HAMMERS:** (2516) 22 lbs. (3216) 25-1/2 lbs. **OVERALL LENGTHS:** (Both models) 15-3/4". **CORDS:** 15 feet, 14-gauge, 4-conductor, Type S, with molded plug. Also 10-foot extension. **STANDARD EQUIPMENT:** Nos. 3312, 31418 and 32032 star drill chucks, dry plate controller, two drift pins, tool retaining clip, 1/2-pint can of electric hammer oil, metal carrying case.

Packed 1 in a box. Shipping weights: (2516) 60 lbs. (3216) 65 lbs.

HAMMER-DRILLS WITH AUTOMATIC BIT ROTATION

These tools end the nuisance of turning the chuck by hand when drilling. A rubber ratchet device uses the recoil of each blow to turn spiral-fluted, carbide-tipped bits which feed in and drill simultaneously.



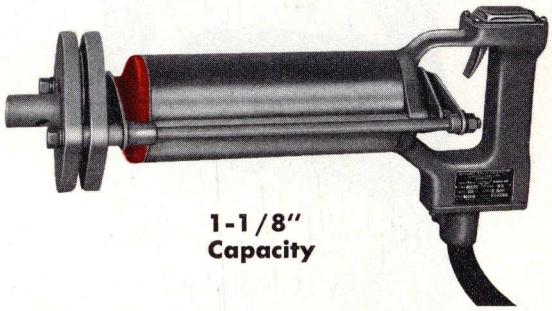
5/8" Capacity

NO. 4058 ELECTRIC HAMMER-DRILL

A smart choice for electricians, awning contractors, sign erectors, telephone linesmen and others who need a light, compact tool for drilling small holes in brick, concrete and masonry.

VOLTAGES: 60 cycle 115 volt is standard. 50 cycle at no extra cost. Models for 25 cycle or 230 volt available at extra cost. **HOUSING:** Steel case, aluminum handle and nosepiece. **FINISH:** Aluminum painted. **SWITCH:** Single pole trigger switch. **CAPACITY:** 5/8" in concrete. **BLOWS PER MINUTE:** 3600 (60 cycle). **HAMMER NET WEIGHT:** 12-1/2 lbs. **OVERALL LENGTH:** 15". **CORD:** 15 feet, 16-gauge, 3-conductor, Type S, with molded plug. **STANDARD EQUIPMENT:** Drill chuck adapter, drift pin, 1/2-pint can of electric hammer oil, metal carrying case.

Packed 1 in a box. Shipping weight: 27 lbs.



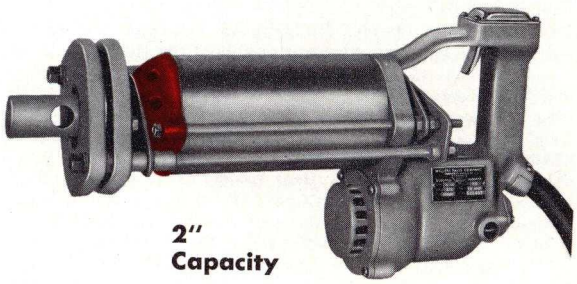
1-1/8" Capacity

NO. 4017 ELECTRIC HAMMER-DRILL

An intermediate model with three times the power of the No. 4058. This tool has wide applications in factories for maintenance and installation work — setting up machines, hanging pipe and ducts, etc.

VOLTAGES: 60 cycle 115 volt is standard. 50 cycle at no extra cost. Models for 25 cycle or 230 volt available at extra cost. **HOUSING:** Steel case, aluminum handle and nosepiece. **FINISH:** Aluminum painted. **SWITCH:** Single pole trigger switch. **CAPACITY:** 1-1/8" in concrete. **BLOWS PER MINUTE:** 3600 (60 cycle). **HAMMER NET WEIGHT:** 21-1/2 lbs. **OVERALL LENGTH:** 18". **CORD:** 15 feet, 16-gauge, 4-conductor, Type S, with molded plug. Also 10-foot extension. **STANDARD EQUIPMENT:** No. 34457 chuck adapter, dry plate controller, drift pin, 1/2-pint can of electric hammer oil, metal carrying case.

Packed 1 in a box. Shipping weight: 45 lbs.



2" Capacity

NO. 4016 ELECTRIC HAMMER-DRILL

This rugged husky is designed for the heaviest duty and has won wide popularity with general contractors, plumbers, heating and air conditioning contractors and many others.

VOLTAGES: 60 cycle 115 volt is standard. 50 cycle at no extra cost. Models for 25 cycle or 230 volt available at extra cost. **HOUSING:** Steel case, aluminum handle and nosepiece. **FINISH:** Aluminum painted. **SWITCH:** Single pole trigger switch. **CAPACITY:** 2" in concrete. **BLOWS PER MINUTE:** 3600 (60 cycle). **HAMMER NET WEIGHT:** 29 lbs. **OVERALL LENGTH:** 18-3/4". **CORD:** 15 feet, 14-gauge, 4-conductor, Type S, with molded plug. Also 10-foot extension. **STANDARD EQUIPMENT:** 2 chuck adapters, dry plate controller, two drift pins, 1/2-pint can of electric hammer oil, metal carrying case.

Packed 1 in a box. Shipping weight: 65 lbs.

ELECTRIC HAMMER ACCESSORIES

NO. 15 STAR DRILLS

Diameter	Length				
1/4"	6"				
5/16"	6"				
3/8"	6"				
7/16"	6"				
1/2"	6"	9"	12"		
9/16"	6"	9"	12"	18"	24"
5/8"	6"	9"	12"	18"	24"
3/4"	6"	9"	12"	18"	24"
7/8"			12"	18"	24"
1"			12"	18"	24"
1 1/8"			12"	18"	24"
1 1/4"			12"	18"	24"
1 3/8"			12"	18"	24"
1 1/2"			12"	18"	24"
1 5/8"			12"		
1 3/4"			12"	18"	24"
1 7/8"			12"		
2"			12"	18"	24"

CARBIDE-TIPPED DRILLS
Spiral Fluted
For Rotating Hammer-Drills only

Diameter	Length	Type
1/4"	4"	Taper Shank
5/16"	4"	" "
3/8"	4"	" "
1/2"	6"	" "
9/16"	6"	" "
5/8"	6"	" "
3/4"	6"	" "
1/2"	12"	" "
5/8"	12"	" "
3/4"	12"	" "
7/8"	12"	" "
1"	12"	" "
1 1/8"	12"	" "
1 1/4"	12"	Core Type
1 1/2"	12"	" "

EXTRA RETAINING CLIPS FOR HAMMERS

Number	For Hammer	Shipping Weight
20443	1558	3 ozs.
20599	1716	3 ozs.
20600	2516	3 ozs.
27872	3216	3 ozs.

EXTRA CHUCKS FOR HAMMERS

Number	For Drills	For Hammers	Shipping Weight
2312	1/4"—3/4"	1558	1 lb.
3312	1/4"—3/4"	1716, 2516, 3216	1 lb.
31418	3/4"—1 1/8"	1716, 2516, 3216	1 1/2 lbs.
32032	1 1/4"—2"	1716, 2516, 3216	1 7/8 lbs.

NOTE — 3/4" STAR DRILLS
6" and 9" lengths fit Nos. 2312 and 3312 Chucks
12", 18" and 24" lengths fit No. 31418 Chuck

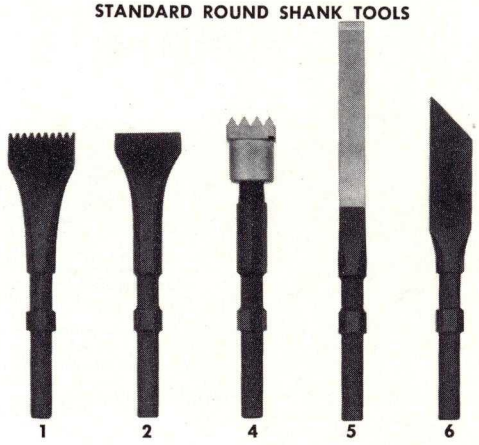
DRILL CHUCK ADAPTERS

Number	For Drills	For Hammer-Drills
29990	1/4"—3/8"	4058
34457	7/16"—5/8"	4017
34499	7/8"—1 1/8"	4016
34521	3/8"—3/4"	4016

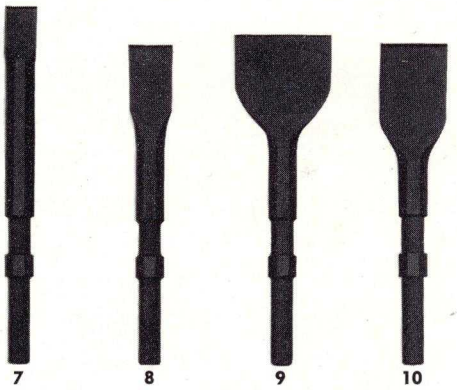
DRIFT PINS

Number	Size
1375	Small
1654	Large

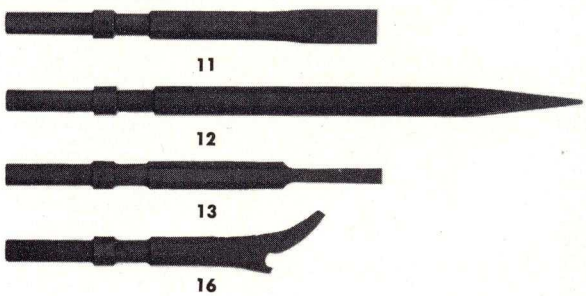
STANDARD ROUND SHANK TOOLS



	Tool	For the following Hammers only 1558	1716, 2516, 3216
1	Buhr Stone Dressing Chisel (Toothed)	1L—9"	1H—9"
2	Buhr Stone Dressing Chisel (Plain)	2L—9"	2H—9"
4	Bush Hammer	4L—10"	4H—9 1/2"
5	3/4" Wood Chisel	5L—12"	5H—12"
6	Mortar Cutting Chisel	6L—10"	6H—12"



	Tool	For the following Hammers only 1558	1716, 2516, 3216
7	Calking Tool		7H—10"
8	Scaling Chisel	8L—10"	8H—10"
9	Brick Cleaning Chisel	9L—10"	9H—10"
10	2" Cutting Chisel	10L—10"	10H—10"



	Tool	For the following Hammers only 1558	1716, 2516, 3216
11	Cold Chisel	11L—10"	11H—12"
	Cold Chisel		11H—18"
	Cold Chisel		11H—24"
12	Stone Point	12L—10"	12H—12"
	Stone Point		12H—18"
	Stone Point		12H—24"
13	Cape Chisel	13L—12"	13H—12"
16	Beading Tool		16H—11"

AUTHORIZED SERVICE STATIONS

Albuquerque, New Mexico
Amarillo, Texas
Atlanta 13, Georgia
Baltimore 2, Maryland
Baton Rouge 1, Louisiana
Birmingham, Alabama
Birmingham 4, Alabama
Boise, Idaho
Boston 64, Massachusetts
Brooklyn 7, New York
Buffalo 10, New York
Burbank, California
Cambridge 39, Massachusetts
Charlotte, North Carolina
*Chicago 6, Illinois
Cincinnati 10, Ohio
*Cleveland 9, Ohio
Columbus 24, Ohio
Dallas 4, Texas
*Dallas 7, Texas
Denver 4, Colorado
Des Moines 9, Iowa
Detroit 27, Michigan
Ft. Wayne, Indiana
Greenville, South Carolina
Hartford, Connecticut
High Point, North Carolina
Honolulu, Hawaii
Houston 3, Texas
Indianapolis 4, Indiana
Jacksonville, Florida
Jamaica, Long Island, New York
Kansas City 8, Missouri
Knoxville 17, Tennessee
Little Rock, Arkansas
Los Angeles 58, California
*Los Angeles 22, California
Los Angeles 11, California
Louisville 4, Kentucky
Lubbock, Texas
Memphis 4, Tennessee
Miami, Florida
*Millers Falls, Massachusetts
Milwaukee 2, Wisconsin
Minneapolis 3, Minnesota
Nashville 3, Tennessee
Newark 2, New Jersey
New Haven, Connecticut
New Orleans 13, Louisiana
*New York 7, New York
Norfolk 4, Virginia
Oklahoma City 3, Oklahoma
Omaha 2, Nebraska
Omaha 2, Nebraska
Orlando, Florida
Pensacola, Florida
Philadelphia 23, Pennsylvania
Phoenix, Arizona
Pittsburgh 33, Pennsylvania
Portland, Maine
Portland 9, Oregon
Providence 1, Rhode Island
Raleigh, North Carolina
Richmond 30, Virginia
Rochester 7, New York
St. Louis 8, Missouri
Salt Lake City 15, Utah
Salt Lake City 2, Utah
San Antonio 2, Texas
San Diego 1, California
San Francisco 3, California
Seattle 22, Washington
South Bend, Indiana
Spokane 10, Washington
Springfield, Missouri
Stamford, Connecticut
Syracuse 4, New York
Tampa 3, Florida
Tulsa 20, Oklahoma
Waterbury 6, Connecticut
Waterloo, Iowa
West Hempstead, Long Island, New York
Wichita 5, Kansas

*Factory Branch

Calgary, Alberta
Edmonton, Alberta
Halifax, N. S.
Montreal, Quebec
Rexdale, Ontario
Vancouver, British Columbia
Willowdale, Ontario
Winnipeg 2, Manitoba

Mexico 10, D. F.

UNITED STATES

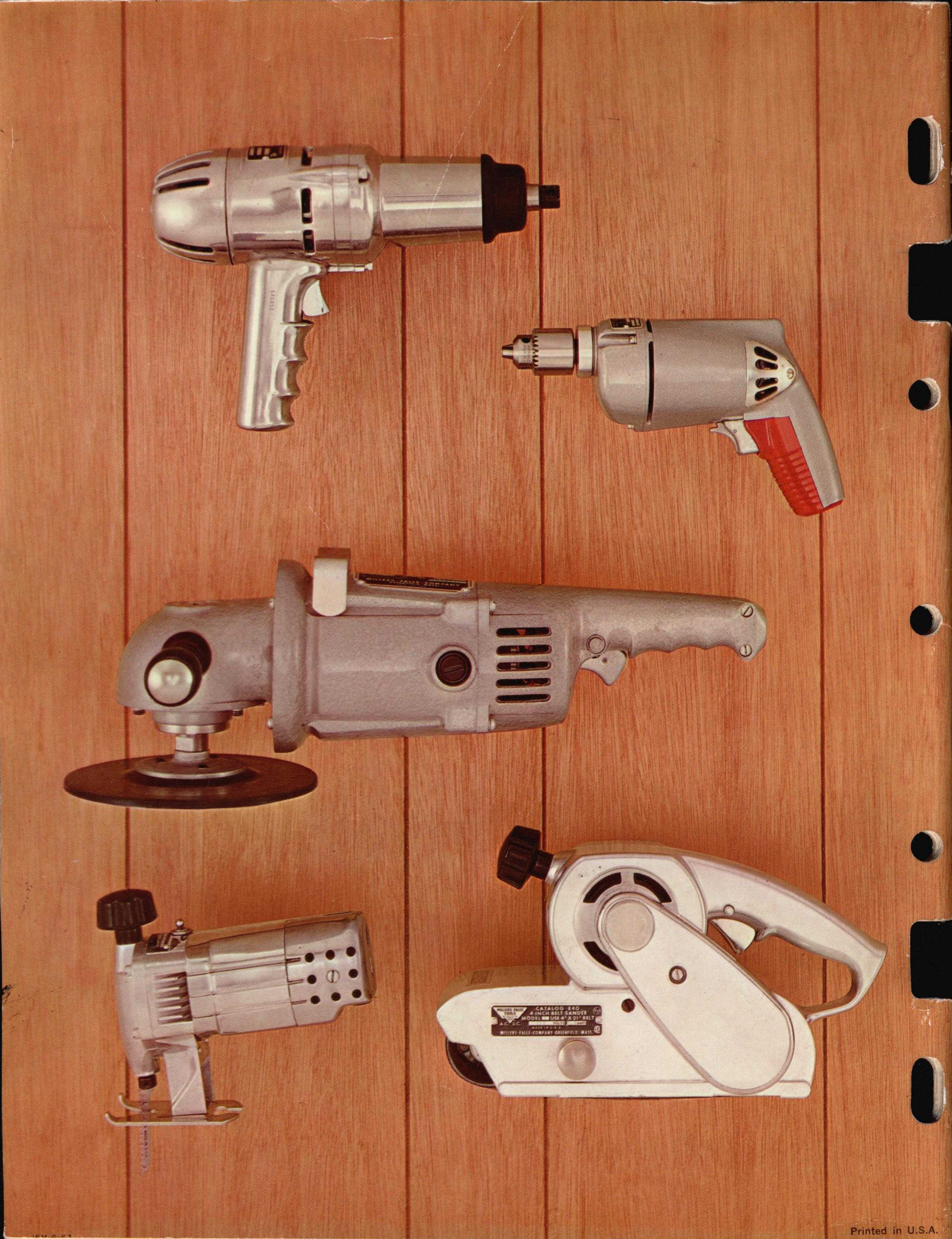
Powell Electric Corporation, 5001 Central Avenue, N.W.
G. E. Jones Electric Company, Incorporated, 208-14 N. Polk Street
Tool Service Company, 225 Simpson Street, N.W.
The Roland Electrical Company, 418-422 E. Pratt Street
Home Appliance Service, 660 Florida Street
Electric Tool Company, 4909 5th Avenue, South
Tool Service Company, 716 North 13th Street
Boise Ignition Company, 111 North 23rd Street
W. J. Connell Company, 210 Needham Street
White Tool Service Company, 1386 Bushwick Avenue
S-S Electric Repair Shop, Incorporated, 2470 Seneca Street
Elect-Air Tool Company, 310 West Verdugo Road
Sutton Electric Tool Service, 271 Broadway
Authorized Appliance Servicenter, 513 Center Avenue
Millers Falls Company, 612 West Randolph Street
Cincinnati Electrical Repair Company, 2023 Elm Street
Millers Falls Company, 1823 Brookpark Road
Shoemaker Tool Rental & Repair Service, 950 Oakland Park Avenue
Commercial Parts, Incorporated, 3806 Ross Avenue
Millers Falls Company, 1351 Crampton Street
Bartell Tool Service, 39 West 11th Avenue
Iowa Service Company, 114-12th Street
Kenneth Waldback, 15731 Hartwell Avenue
Wagner Electric Company, 4106-4110 North Clinton Street
Service Repair Company, 16 North Academy Street
The Hartford Electric Machine Company, 17 Francis Street
Piedmont Electric Repair Company, 205 Pine Street
Central Service and Sales, Incorporated, 677 Auaki Street
Electric Tool Specialty Company, 3314 Harrisburg Street
Electric Tool & Motor Service, Incorporated, 34 W. 10th Street
Turner Electric Works, 1020 East 8th Street
White Tool Service Company, 92-15 165th Street
Heath Electric Service, 518-20 16th Street
Tennessee Electric Motor Service, 109 Jennings Avenue
J. M. Peck Electric Equipment Service, 4404 Asher Avenue
Electric Tool & Equipment Company, 3000 South Santa Fe Avenue
Millers Falls Company, 5224 East Washington Boulevard
Zonne Industrial Tool Company, 2226 South San Pedro Street
Electric Tool Service Corporation, 727 Logan Street
Anderson-Young Electric Company, 2002 Clovis Road
Parker Electric Company, 1316 Madison Avenue
The Florida Electric Motor Company, 235 N.W. 2nd Avenue
Millers Falls Company, 1 Rogers Street
Trester Service Electric Company, 235 E. Ogden Avenue
General Parts & Supply Company, 64-66 Glenwood Avenue
Tennessee Electric Motor Service, 408 6th Avenue, S.
Able Portable Electric Tool Company, 395 Mulberry Street
New Haven Electric Machine Company, 689 Congress Avenue
Bill Dreis, Incorporated, 1517 Calliope Street
Millers Falls Company, 28 Warren Street
Caddell Electric Company, 1250 Bolton Street
Hohmann & Brown Appliance Service, Incorporated, 316 N.W. 6th
Carl A. Anderson, Incorporated, 623 S. 16th Street
Schneider Electric & Equipment Company, 1102-08 Farnam Street
Orlando Armature Works, Incorporated, 600 W. Central Avenue
Electric Motor Service, Incorporated, 124-126 N. DeVilliers Street
Alden Electric Tools and Equipment, 1124 Spring Garden Street
Reliable Electric Company, 2530 W. McDowell Road
Snyder Electric Company, 1919-21 Chateau Street
Stanley J. Leen, Incorporated, 35 Union Street
Cyrus Electric Company, 416 N.W. Fifth Street
J & H Electric Company, 200 Richmond Street
Authorized Appliance Servicenter, 104 Glenwood Avenue
Roy's Electric Motor Service, 3201 Norfolk Street
Frank E. Laffan Company, Incorporated, 167 Charlotte Street
Standard Electric Company, 3880 Washington Boulevard
Clyde G. Larsen Power Tools, 3053 S. State Street
Whitmore Oxygen Company, 430 E. S. Temple Street
Whiton Electric & Manufacturing Company, 402 Vine Street
Authorized Equipment Service, 420 West Beech Street
Craig and Green, 82 14th Street
Mosey and Mosey, 1218 Tenth Avenue
Main Electric Company, 114-116 W. Bronson Street
K & N Electric Motors, Incorporated, N. 1311 Washington Street
Springfield Electric Service Company, 1640 E. Trafficway
Palmer's Electric Motor Repair, 44 Garden Street
Duplex Equipment Company, 213 Grand Avenue
Patrick Electool Service, 2101 West Hillsboro Avenue
Hammond Electric Company, 810 E. 3rd Street
Electric Motor Repair Company, Incorporated, 2101 South Main Street
Precision Saw and Tool Service, 100 Chicago Street
White Tool Service, 223 Hempstead Turnpike
Ark Valley Electric Company, 1141 North Santa Fe

CANADA

Grover & Longmate, Limited, 339 2nd Avenue, W.
Electrical Industries, Limited, 10544-115th Street
Acme Electric Company, 93 Bilby Street
Excel Electric Company, Limited, 975 Jean Talon Street, W.
Reedal Equipment Company, 38 Brydon Drive
Armature Electric Limited, 1055 Seymour Street
Bert Thomas Electric Repair Company, 4578 Yonge Street
Luke's Electric Motors & Machinery Company, Limited, 318 Notre Dame Avenue

MEXICO

Hinrichs, S. A. Servicio, Millers Falls Explanada 1235



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